SEARS

OWNERS MANUAL

MODEL NO.

934.53161450
SERIES

KNOW YOUR UNIT

Read this booklet so you will be able to enjoy all the features in your video cassette recorder.

Record in space provided below the Model No. and the Serial No. as found on the label on the back of your video cassette recorder.

Model No. _____

Serial No. _____

Retain this information for future reference.

VHS

VIDEO CASSETTE RECORDER

Operation

Sears, Roebuck and Co., Chicago, IL 60684, U.S.A.

Congratulations on buying the VHS Video Cassette Recorder (VCR). For maximum pleasure and convenience, please read these simple instructions before operating your VCR.

NOTES: * **This Video Cassette Recorder is compatible with any video cassette bearing the VHS mark.**
* **VHS is designed to expand your opportunities for in-home TV viewing and not for any usage which might violate the copyright laws.**

Check to make sure you have the following accessories before disposing of the packing material.

1. Remote Control Unit
2. 75-ohm Coaxial Cable, 1.5 m
3. 300-ohm Twin-lead Cable, 1.5 m
4. Antenna Adaptor (300-ohm to 75-ohm)
5. Antenna Adaptor (75-ohm to 300-ohm)
6. Channel Number Sheet
7. Channel Number Holder
8. Two "AA" Size Batteries

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WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

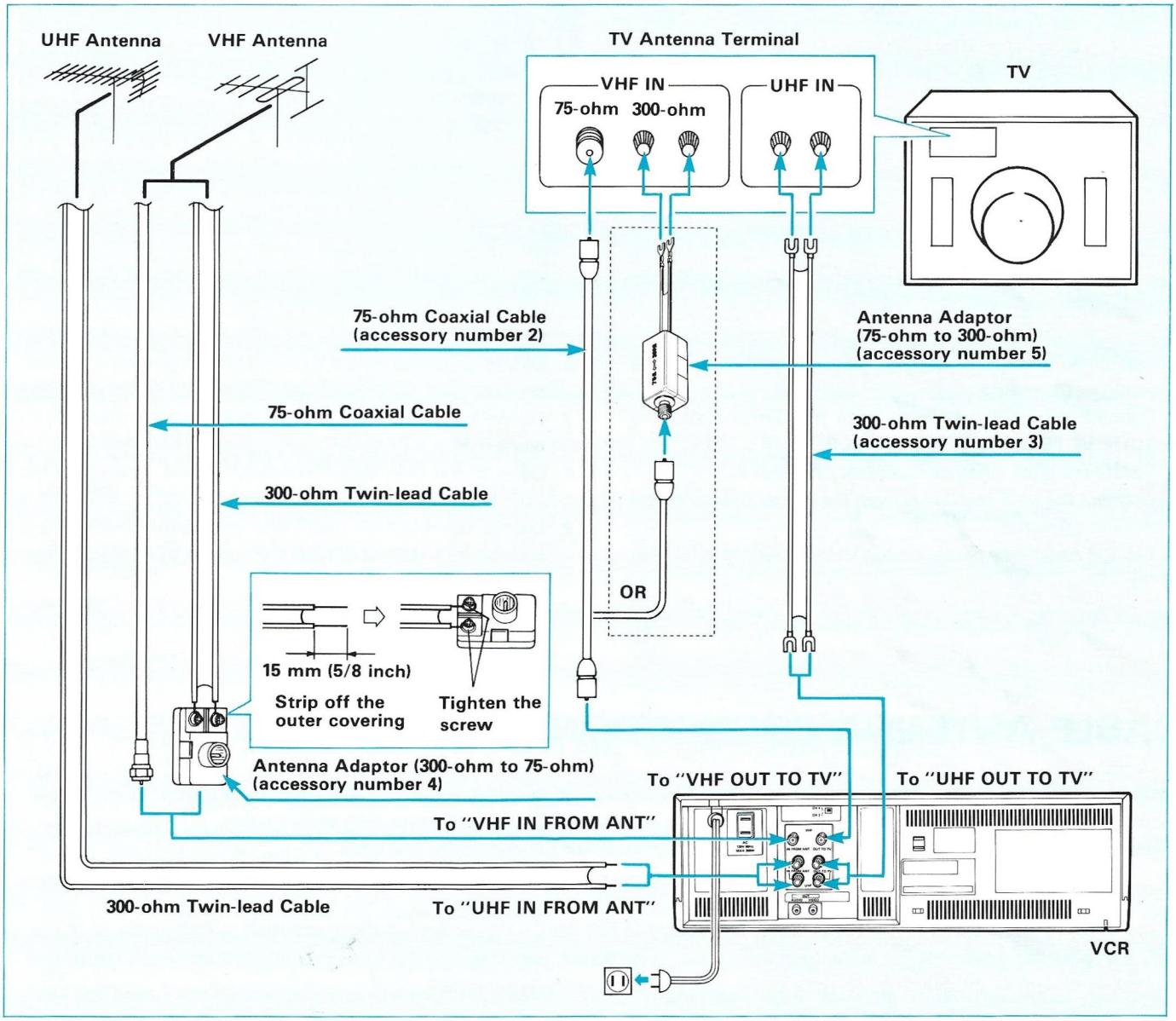
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure; that may be of sufficient magnitude to constitute a risk of electric shock to persons.

INSTALLATION

Placing your VCR on top of or under the TV receiver may result in interference appearing on the TV screen when the VCR is on. If this occurs, move the VCR to a position alongside the TV receiver.

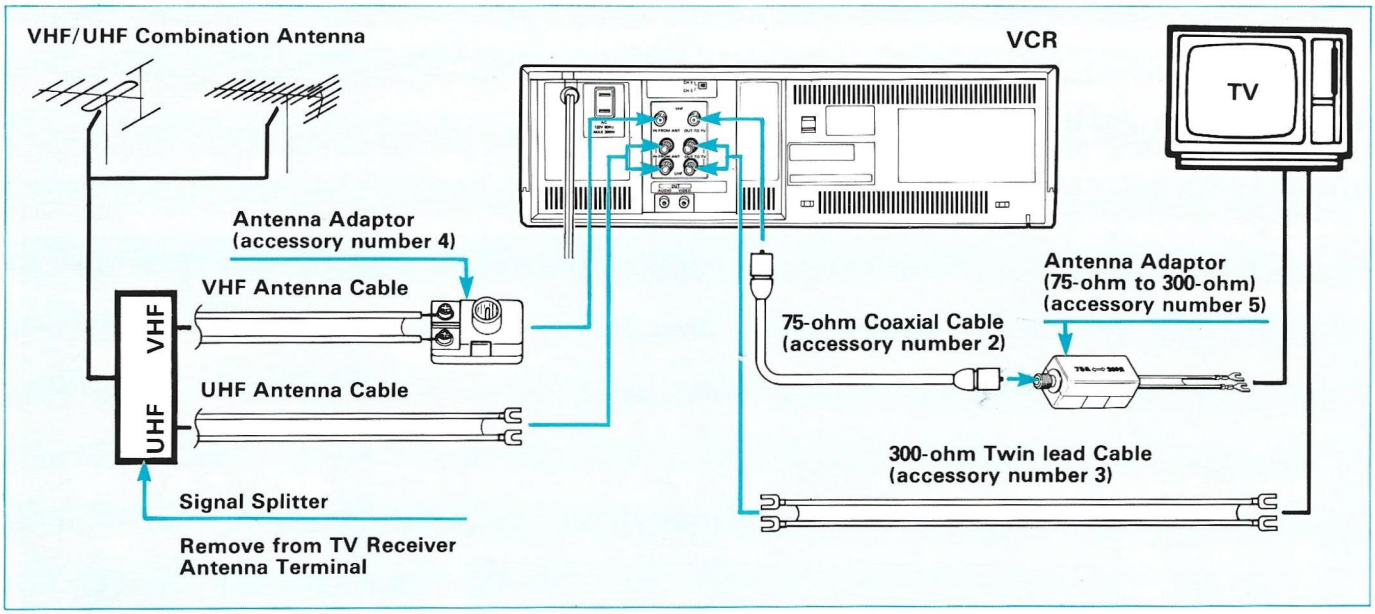
ANTENNA AND TV CONNECTIONS

ANTENNAS WITH SEPARATE VHF-UHF LEADS



1. Disconnect the antenna leads from the rear of the TV receiver.
2. Connect the VHF lead to **"VHF IN FROM ANT"** on the VCR. If the cable is round (75-ohm), it will connect directly to the **"VHF IN FROM ANT"** terminal. If it is the flat type (300-ohm), connect it to the Antenna Adaptor (300-ohm to 75-ohm) (accessory number 4) and slip the Adaptor onto the **"VHF IN FROM ANT"** terminal.
3. Connect the UHF lead to **"UHF IN FROM ANT"** on the VCR.
4. Connect the 75-ohm Coaxial Cable (accessory number 2) to **"VHF OUT TO TV"** on the VCR. Connect the other end to the VHF antenna terminal on the TV. If the TV has a 300-ohm antenna terminal, connect the Antenna Adaptor (75-ohm to 300-ohm) (accessory number 5) to the Coaxial Cable. Connect the adaptor to the VHF antenna terminal on the TV.
5. Connect one end of the 300-ohm Twin-lead Cable (accessory number 3) to **"UHF OUT TO TV"** on the VCR. Connect the other end to the UHF antenna terminals on the TV.

ANTENNAS WITH ONE LEAD (COMBINED VHF-UHF)



1. Disconnect the UHF/VHF twin leads on the Signal Splitter from your television.
2. Connect the UHF twin leads from the Signal Splitter to **"UHF IN FROM ANT"** on the VCR.
3. Locate Antenna Adaptor (accessory number 4).
4. Connect the VHF twin leads from the Signal Splitter to the Antenna Adaptor.
5. Slip the Antenna Adaptor on to **"VHF IN FROM ANT"** on the VCR.
6. Locate 75-ohm Coaxial Cable (accessory number 2) and connect it to **"VHF OUT TO TV"**.
7. Connect the other end to the Antenna Adaptor (accessory number 5).
8. Connect the twin leads from the Antenna Adaptor to the VHF terminals on your television.
9. Locate 300-ohm Twin-lead Cable (accessory number 3) and connect it to **"UHF OUT TO TV"** on the VCR and UHF terminals on your television.

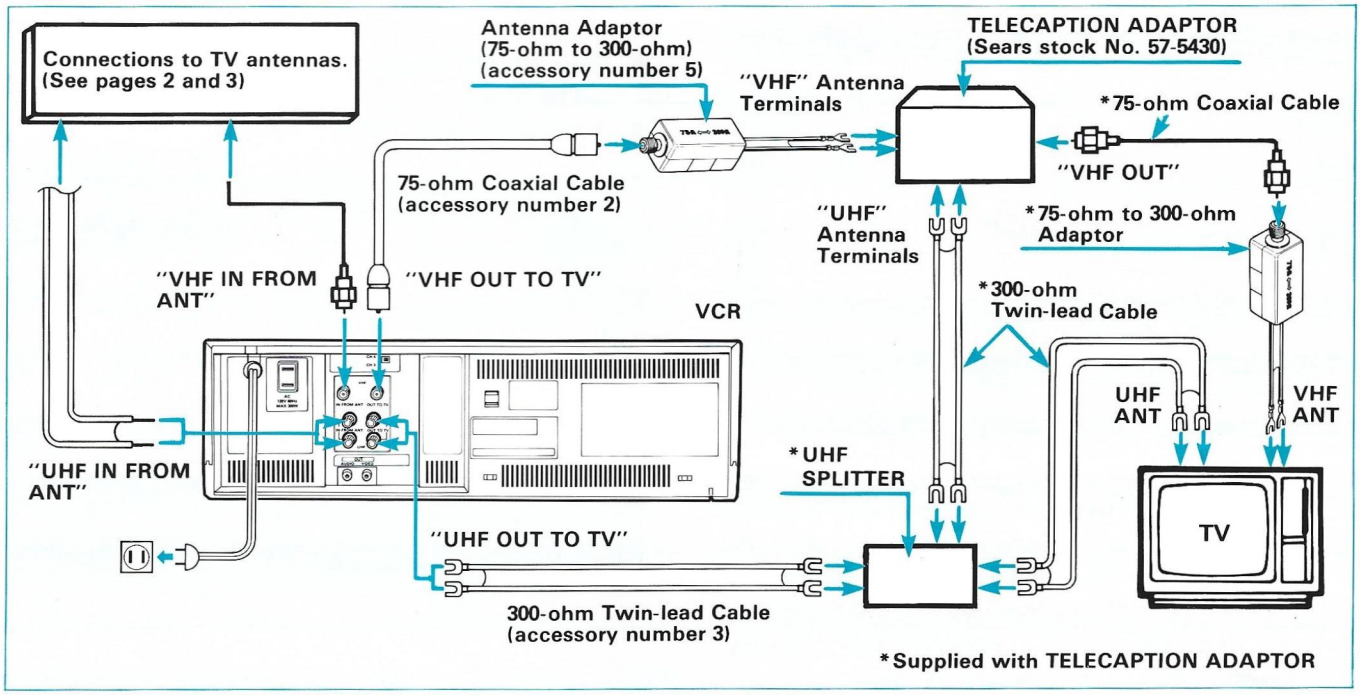
CABLE ANTENNA CONNECTION

If you have Cable TV in your area, special connections may be required to enable you to use all the functions of your VCR. There are many different types of Cable TV systems in use and the connection method varies with each system.
Please consult with your local Sears Service Dept. or retail store for the procedure you need.

"Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical".

TELECAPTION ADAPTOR CONNECTION

CONNECTING THE VCR AND TELECAPTION ADAPTOR

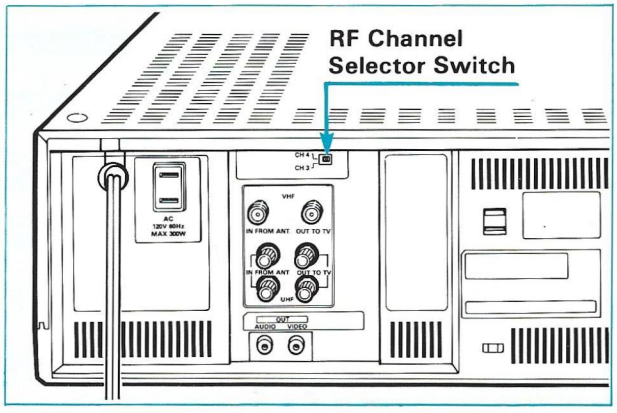


1. Connect the 75-ohm Coaxial Cable (accessory number 2) to the **"VHF OUT TO TV"** Connector on the VCR. Connect the other end to the Antenna Adaptor (accessory number 5) and connect the twin leads from the Antenna Adaptor to the **"VHF"** Antenna terminals on the Telecaption Adaptor.
2. Connect the 300-ohm Twin-lead Cable (accessory number 3) to the **"UHF OUT TO TV"** Connector on the VCR. Connect the other end to the UHF Splitter.
3. Connect one output of the UHF Splitter to **"UHF"** Antenna Terminals of the Telecaption Adaptor and the other output of the UHF splitter to the TV UHF Antenna Terminals by means of Twin-lead Cables.
4. Connect the **"VHF OUT"** of the Telecaption Adaptor to the TV VHF Antenna Terminals by means of 75-ohm Coaxial Cable (and the 75-ohm to 300-ohm Adaptor).

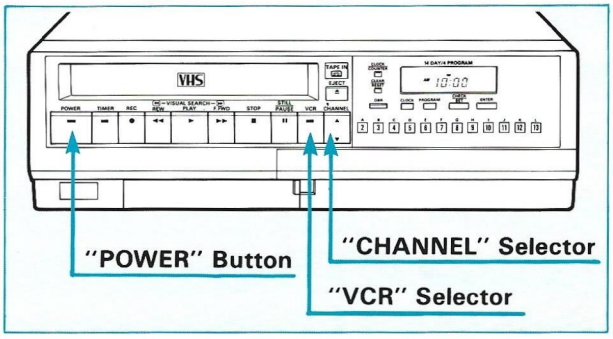
NOTE: The Telecaption Adaptor should always be connected so that it is between the VCR and TV.

SET YOUR TELEVISION TO THE VCR CHANNEL

1. Set your TV to Channel 3 unless Channel 3 is one of the TV stations in your area. If Channel 3 is used in your area, set your TV to Channel 4. The RF Channel Select Switch is located on the Rear Control Panel. Slide the switch to CH3 or CH4 to match the channel selector on your TV. This is the VCR channel on your television set. Your television receiver must be tuned to this channel any time a video cassette is played back on the VCR.



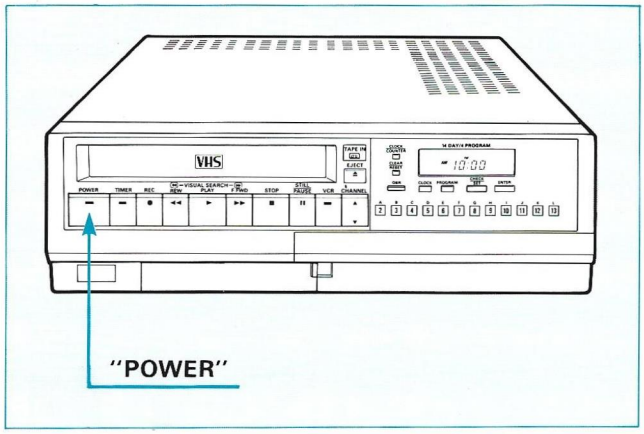
2. Plug the VCR power cord into a 120V electrical outlet and press **"POWER"** Button.
   The **"POWER"** Light will come on. The Clock will be flashing (don't worry, we will set that later).
3. Press **"VCR"** Selector to turn the SELECTOR's Light on (VCR position). Select an active TV channel by pressing the VCR **"CHANNEL"** Selector Button. The picture from that channel should now be displayed on your television.



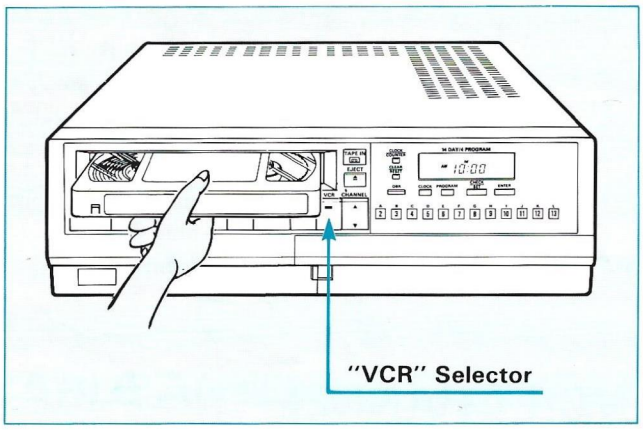
4. Fine tune the television for best picture.

MAKING A SAMPLE RECORDING

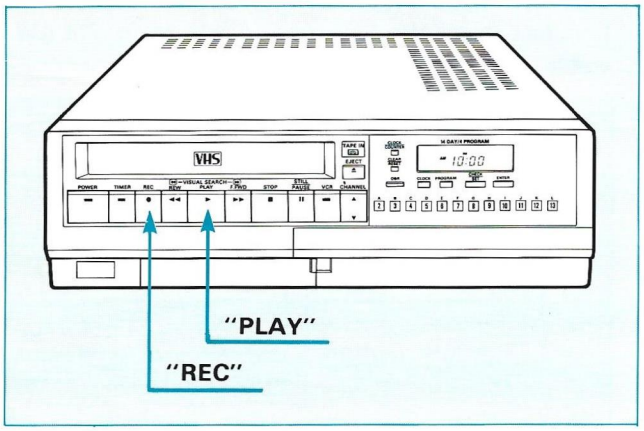
1. Press "**POWER**" Button to "**ON**".



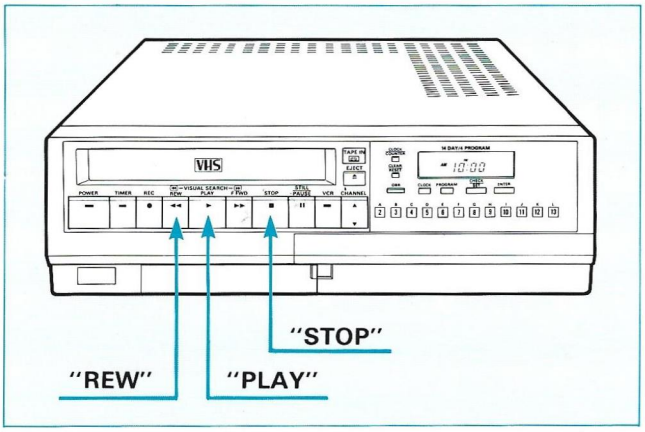
2. Remove the protective sleeve from the Video Cassette.
3. Insert the Cassette so the transparent window is up and the arrow toward the Cassette Compartment. Slide the Cassette into VCR Cassette Compartment until the VCR mechanism starts to pull the cassette into the opening.
4. Press "**VCR**" Selector to turn the SELECTOR's Light on.



5. Tune the TV to the VCR Channel (Channel 3 or 4).
6. Now press "**REC**" and while holding "**REC**", press "**PLAY**" Button. The "**REC**" and "**PLAY**" Lights will be on. You are now recording the program you see on your TV screen.



7. Record for a few minutes. Press "**STOP**" Button and then "**REW**" Button. The tape will rewind to the beginning.
8. Press "**PLAY**" Button. The program you just recorded will be shown.
9. After playing press "**STOP**" Button.



MEMO

IDENTIFICATION AND OPERATION OF CONTROLS

Now that you have experienced the simple operation of your VCR, let's get familiar with the complete operation of your VCR and all its capabilities.

"PLAY" Button

Press **"PLAY"** Button. Then **"PLAY"** Light goes on and playback starts. Be sure the TV set's channel selector is tuned to Channel 3 or 4 depending on the RF Channel Select Switch setting.

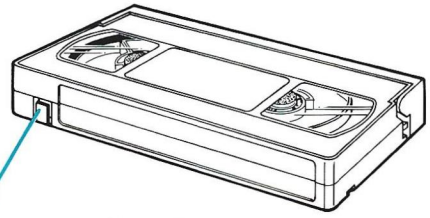
"STOP" Button

Press **"STOP"** Button while the set is operating. Then the running of tape stops and all operating modes are cancelled.

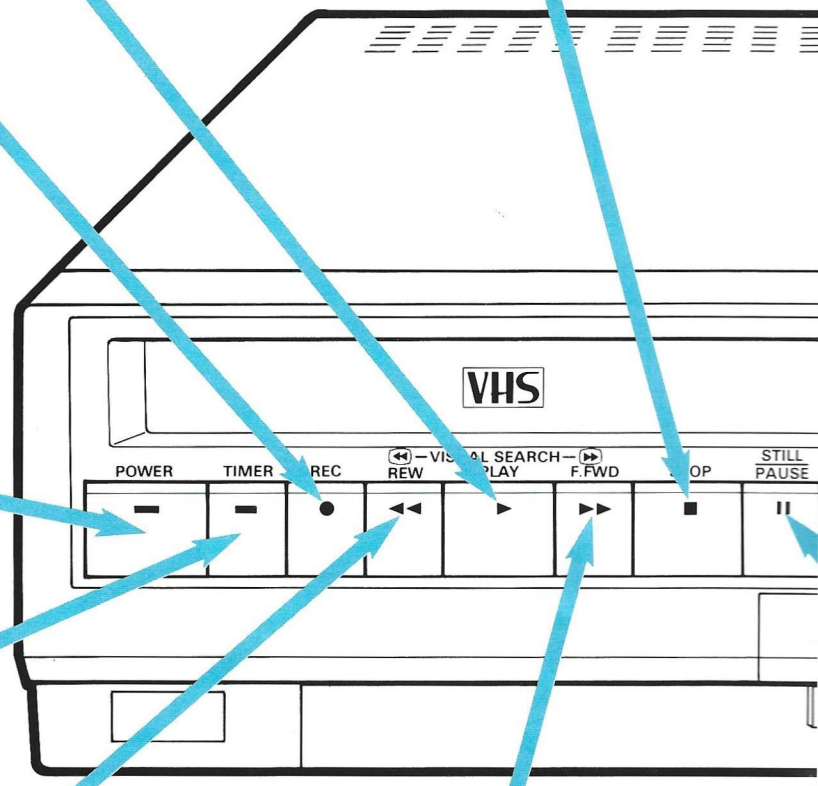
NOTE: There is no light to indicate the stop mode.

"RECORD" Button

Insert the cassette and press **"REC"** and while holding **"REC"**, press **"PLAY"** Button. The **"REC"** and **"PLAY"** Lights will go on and recording starts. If the tab of the cassette has been removed, you cannot record on the cassette inserted.



Erase prevention tab



"POWER" Button

Press **"POWER"** Button to turn VCR on. Press again to turn VCR off.

"POWER" Light illuminates when **"POWER"** Button is pressed and VCR is on.

"TIMER" Button

Press **"TIMER"** Button to on when the VCR is used for delayed recordings. Press again to turn timer off.

"TIMER" Light illuminates when **"TIMER"** Button is pressed to on.

"REW"-Rewind/ "VISUAL SEARCH"-Reverse SEARCH

Press **"REW"** Button during Stop, Pause or Fast forward mode, and fast-rewinding starts.

Press **"VISUAL SEARCH ◀◀"** Button during playback of tape. The tape is played back in the rewind direction approximately 9 times faster than the normal speed (EP recorded tape), 6 times faster than the normal speed (LP recorded tape) or 3 times faster than the normal speed (SP recorded tape) to confirm the recorded contents.

Press **"PLAY"** Button to return to normal playback mode or press **"STOP"** Button to stop tape movement. Sound is muted during **"VISUAL SEARCH ◀◀"** mode.

"F.FWD"-Fast Forward/ "VISUAL SEARCH"-Forward SEARCH

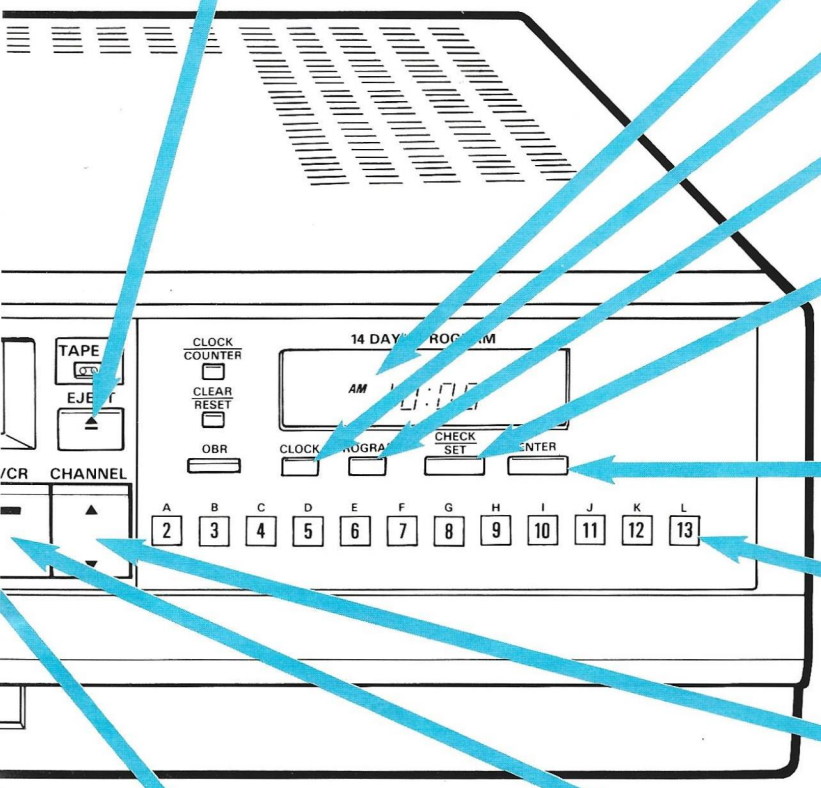
Press **"F.FWD"** Button during Stop, Pause or Rewind mode, and fast-forwarding starts.

Press **"VISUAL SEARCH ▶▶"** Button during playback of tapes. The tape is played back in the forward direction approximately 9 times faster than the normal speed (EP recorded tape), 6 times faster than the normal speed (LP recorded tape) or 3 times faster than the normal speed (SP recorded tape) to confirm the recorded content.

Press **"PLAY"** Button to return to normal playback mode or press **"STOP"** Button to stop tape movement. Sound is muted during **"VISUAL SEARCH ▶▶"** mode.

"EJECT" Button

With power on, press **"EJECT"** Button to remove a cassette. **"EJECT"** will not operate when the VCR is in the recording or timer mode.



"CLOCK AND COUNTER" Display

Indicates present time or tape positions.

"CLOCK" Button

Used when setting the present time of day.

"PROGRAM" Button

Press for timer programming mode.

"CHECK/SET" Button

Used to set present time of day and all variables required for unattended recording, including: the day and week recording to occur, the time to start and stop, the channel to be recorded, and to check programming.

"ENTER" Button

Press to record information in the timer memory.

CHANNEL Indicators

These Indicators indicate which channel you are receiving.

"CHANNEL" Selector

As many as 12 different TV stations can be preset and individually recalled by pressing **"CHANNEL"** Selector.

"VCR" Selector

Selects the program for viewing on your TV. The VCR Light glows red when the unit is in the **"VCR"** mode. **"VCR"** position supplies a signal to your TV on Channel 3 or 4—depending on the RF channel select switch setting. With **"PLAY"** Button pressed, the recorded tape program is supplied to the TV. With **"REC"** Button pressed the TV will display the program as it is being recorded. The **"TV"** mode, with the **"VCR"** Light off, is used for normal operation of the TV when the VCR is not being used. This position also allows you to record one channel while watching another.

"PAUSE/STILL" Button

Used in the record mode to stop the tape. Press **"PAUSE/STILL"** Button to cut out station breaks or unwanted program material. The **"PAUSE"** Light will light during the **"PAUSE"** mode. Press the button again to resume recording. Pressing **"PAUSE/STILL"** Button during the **"PLAY"** mode will cause the tape to stop and the still picture can be observed. Press **"PAUSE/STILL"** Button again to resume normal playback.

NOTE:

- During playback, the still picture with a noise band, can be viewed when **"PAUSE/STILL"** Button is pressed.
- After 5 minutes of continuous **"STILL"** (playback mode), the VCR will go into the **"STOP"** mode.

"Cassette Compartment"

After turning on **"POWER"**, insert a cassette tape gently into the slot. The cassette will automatically load.

"TRACKING" Control

Used when playing a tape recorded on another VCR. Adjust for best picture. At all other times leave it in center position, which can be found as a small detent in the movement of the knob.

"AUDIO IN"

"AUDIO IN" Jack receives audio signals from a TV camera or another VCR through this jack. The level of **"AUDIO IN"** connector is 0.0775Vrms.

"PAUSE/CAMERA"

Connect the camera remote pause cable to this jack to remotely control the pause feature from the camera.

Infrared Remote Receiver

Receives signals from remote control unit.

"VIDEO IN"

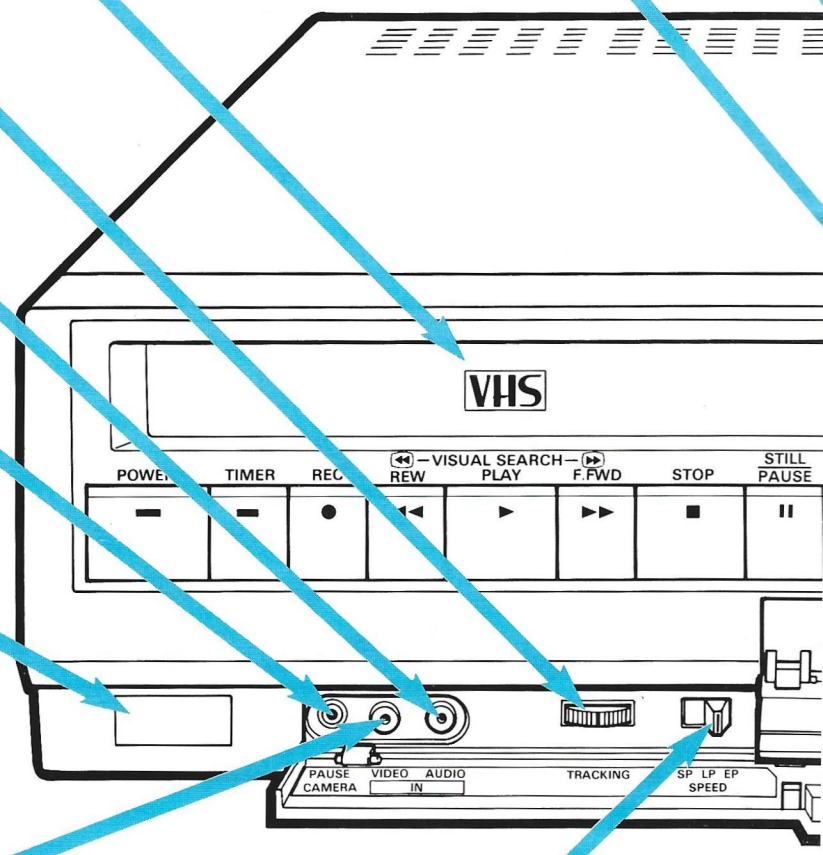
"VIDEO IN" Jack receives video signals from a TV camera or another VCR through this jack.

"CLOCK/COUNTER" Select Button

Press **"CLOCK/COUNTER"** Select Button to switch **"CLOCK AND COUNTER"** Display between clock indication and counter indication.

"TAPE IN" Light

Light glows red to indicate a cassette is loaded.



"TAPE SPEED" Switch

Changes tape speed in the recording mode. Record and playback time is as follows:

"TAPE SPEED" Switch position	Video Cassette			
	T-30	T-60	T-120	T-160
SP	30 min	60 min	120 min	160 min
LP	60 min	120 min	240 min	320 min
EP	90 min	180 min	360 min	480 min

In the playback mode, tape speed is automatically selected to match the recording speed regardless of the position of **"TAPE SPEED"** Switch.

"CLEAR/RESET" Button

Press to clear the programmed information from memory or to reset the counter to "0000".

"OBR" Button

One Button Recording (OBR) allows you to record a program in progress for up to 4 hours without using the programmable timer.

TUNING Indicator

When the Tuning Control is turned downward, the lower channels are tuned in and the Tuning Indicator moves to the "**L**"(LOW) side.

When the Tuning Control is turned upward, the higher channels are tuned in and the Tuning Indicator moves to the "**H**"(HIGH) side.

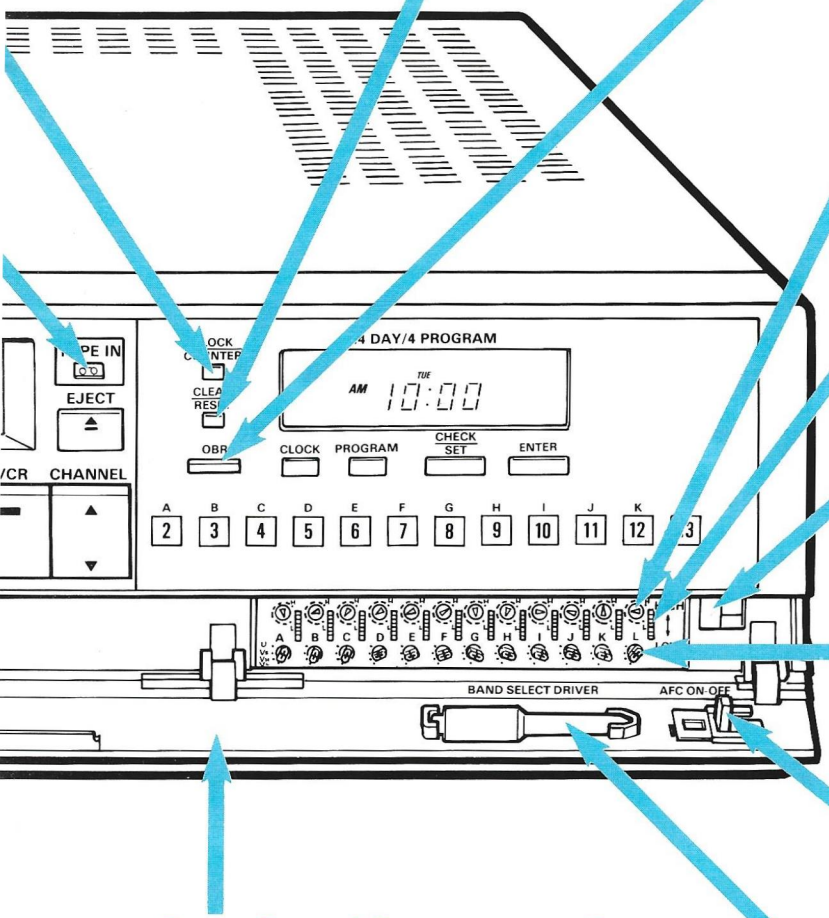
TUNING Control

Turn this Control for best picture and sound on the desired Channel. Refer to "**CHANNEL PRESETTING**" on page 12.

AFC Switch — Automatic Frequency Control

Automatically maintains best channel reception for optimum recording quality.

NOTE: When the Tuner Control Compartment Cover is opened, the Automatic Frequency Control is turned off.



BAND Selector

For selection of the desired band:

U : UHF Channels 14 through 83
VS : CATV Channels J through W
VH : VHF high Channels 7 through 13 or CATV Channels A through I
VL : VHF low Channels 2 through 6

Tuner Control Compartment Cover

When the Tuner Control Compartment Cover is opened for channel adjustments, the AFC switch is turned "**OFF**". When the Compartment Cover is closed, this switch is turned "**ON**" and slight fine tuning errors will be automatically corrected.

AFC Tab

In case of extreme interference or very weak signal, turn off AFC by placing the AFC tab in "**OFF**" position. Then fine tune for best picture. Do not turn on AFC after fine tuning.

Band Select Driver

Used for channel presetting.

"AC OUTLET"

This standard AC outlet is provided for convenience of connecting a video sound camera. It may also be used for other accessories including your television as long as the required power is less than 300 watts.

"VHF IN FROM ANT"

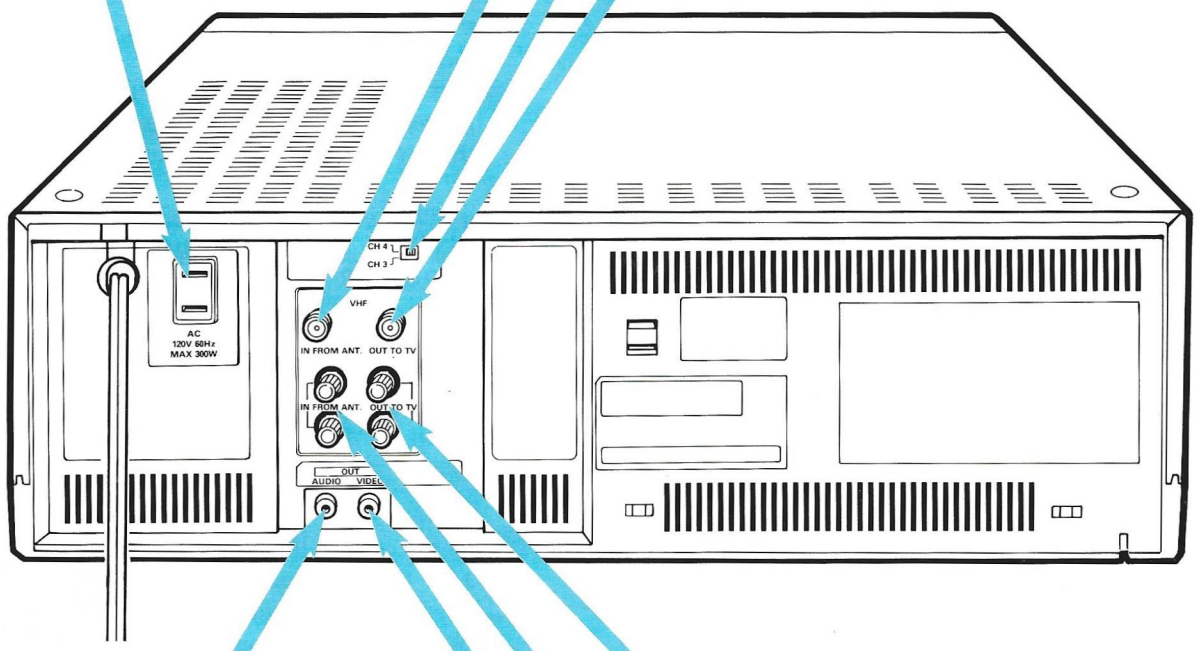
VHF antenna cable connects to this 75-ohm input.

RF Channel Selector Switch

Slide the switch to "**CH3**" or "**CH4**" to match the channel selector on your TV. This is the VCR channel on your television set.

"VHF OUT TO TV"

75-ohm round Connector Cable connects to this output. Opposite end of cable connects to the television.



"UHF OUT TO TV"

Twin-lead UHF cable connects VCR and television connects here.

"UHF IN FROM ANT"

UHF antenna cable connects to this 300-ohm input.

"AUDIO OUT"

The audio that is supplied to the television is also available at the "**AUDIO OUT**" Jack. It can be connected to an external amplifier. The level of "**AUDIO OUT**" connector is 0.387Vrms.

"VIDEO OUT"

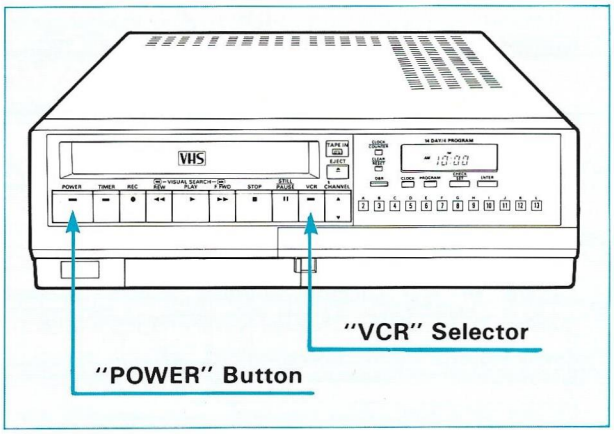
Standard video (1.0Vp-p at 75-ohms) is available at the "**VIDEO OUT**" Jack for use with other video recorders.

CHANNEL PRESETTING

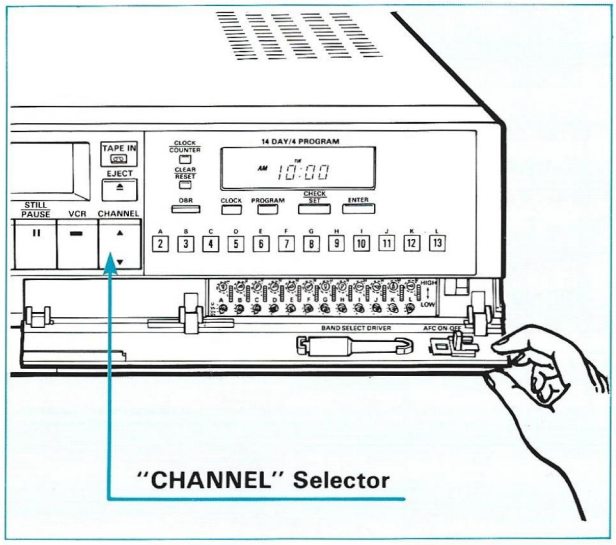
VHF CHANNEL PRESETTING

Your VCR has been set to receive VHF channels 2 through 13 when shipped. As long as you wish to enjoy all of these factory-set VHF channels (VHF 2 ~ 13), you should seldom need additional tuning. If fine tuning becomes necessary, follow the instructions as described below:

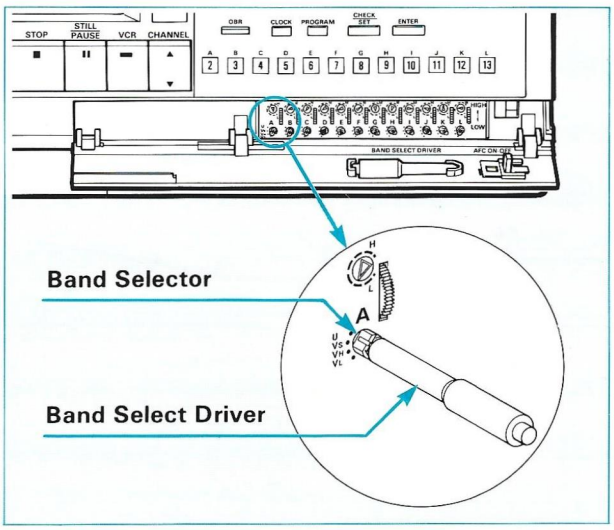
1. Press "**POWER**" Button to "**ON**".
2. Press "**VCR**" Selector to turn the SELECTOR's Light on.



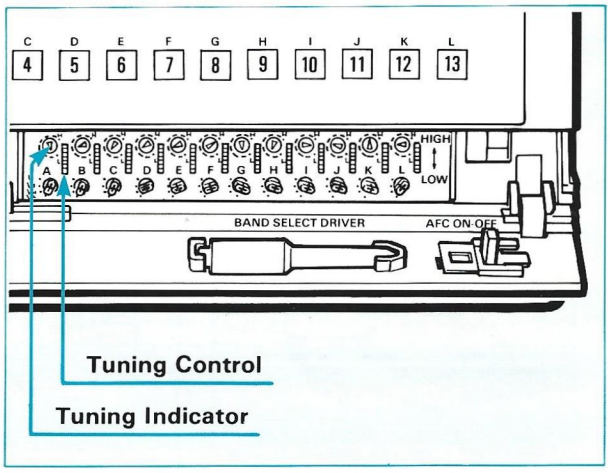
3. Set the TV to the VCR channel (Channel 3 or 4).
4. Open the Tuner Control Compartment Cover.
   NOTE: When the Cover is opened, the Automatic Frequency Control is turned off.
5. Select the channel to be adjusted by pressing "**CHANNEL**" Selector Button.
   For example, if you want to adjust channel "**2**", press the "**CHANNEL**" Selector Button until the Channel indicator "**2**" below letter "**A**" is lit.



6. Set the Band Selector marked "**A**" (the same letter as above the channel selected) to the correct band, VL for VHF channels 2 through 6 or VH for VHF channels 7 through 13 by using a Band Select Driver provided.
   In this example, set the band selector to "**VL**".



7. Turn the Tuning Control marked "**A**" while watching the Tuning Indicator until the best picture and sound are available on your TV. Be sure that channel 2 is being received as it is possible for this control to tune in all channels from 2 through 6.
   If the Tuning Control is turned downward, the lower channels will be tuned in and the Tuning Indicator will move toward the "**L**"(LOW) side.
   If the Tuning Control is turned upward, the higher channels will be tuned in and the Tuning Indicator will move to the "**H**"(HIGH) side.

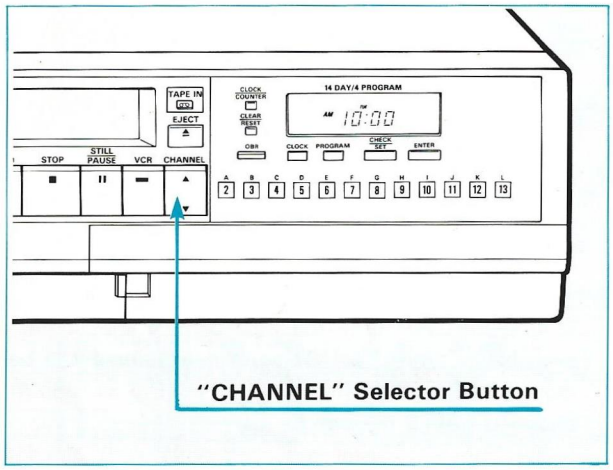


8. Follow the same steps as explained in Steps 5 through 7 above for channels "**B**" through "**L**".
9. After presetting all channels, close the Compartment Cover.
   NOTE: When the Cover is closed, the Automatic Frequency Control is turned on if the AFC tab in the Compartment cover is in the ON position. If Frequency Control is disturbed or incorrect when the cover is closed, put the AFC tab in the OFF position.

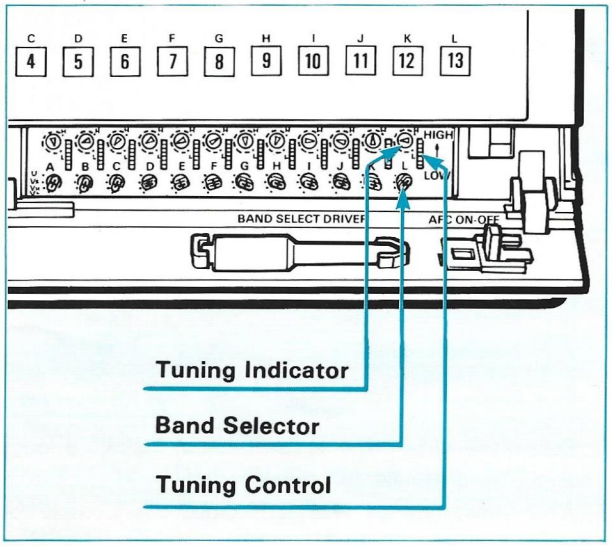
UHF CHANNEL PRESETTING

You may receive any local UHF channel by tuning it into one of the unused VHF channel positions or UHF channel positions. To preset the desired UHF channel(s) in unused channel positions, follow the steps as described below:

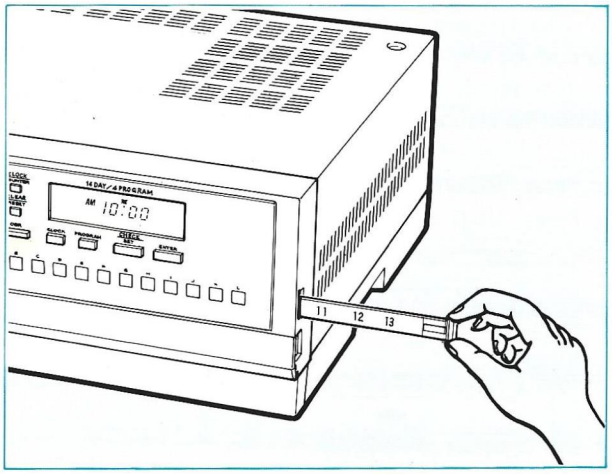
1. Follow the same steps as explained under Steps 1 through 4 in **"VHF CHANNEL PRESETTING"** .
2. Select the channel to be adjusted by pressing **"CHANNEL"** Selector Button.
   For example, if you want to preset UHF channel **"45"** into the unused VHF Channel **"13"** , press the **"CHANNEL"** Selector Button until the channel indicator **"13"** below letter **"L"** is lit.



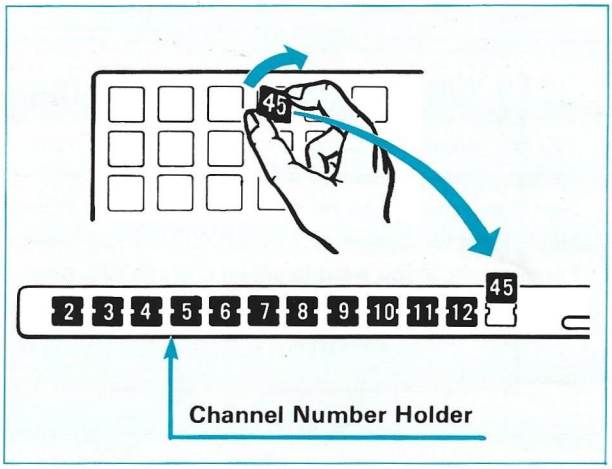
3. Set the Band Selector marked **"L"** (the same letter as above the channel selected) to **"U"** position by using a Band Select Driver provided.
4. Turn the Tuning Control marked **"L"** while watching the Tuning Indicator until the best picture and sound are available on your TV.



5. Follow the same steps as explained in Steps 2 through 4 above for the other channels.
6. After presetting all channels, close the Compartment Cover.
7. Pull out the Channel Indicator Panel.



8. Using the enclosed Channel Number Sheet (accessory number 6) and Channel Number Holder (accessory number 7), install the Channel Number Tabs with correct newly set channel numbers.



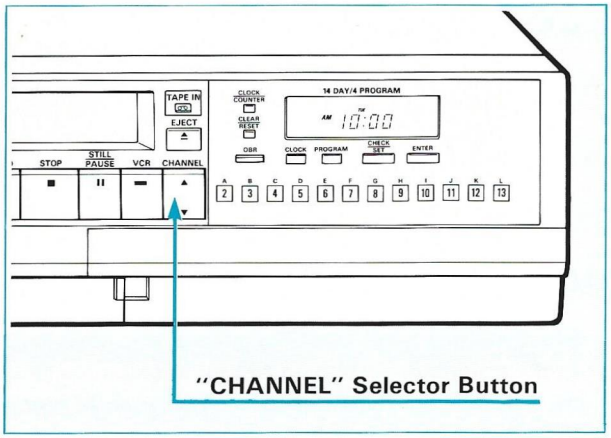
Tear off the channel number tab **"45"** from the Channel Number Sheet (accessory number 6). Install the new tab into the Channel Number Holder in place of the (13). In the same manner, you can preset any of the remaining unused channels to your desired UHF channels 14 through 83.

9. Put the Channel Number Holder back in place.

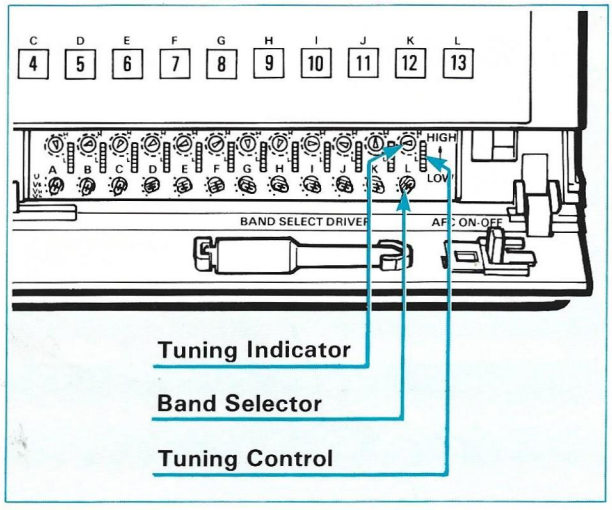
CATV CHANNEL PRESETTING

Each of the 12 Channel Selector positions has been factory-set to VHF channels 2 through 13. However, any of the unused channel positions may be preset to the desired CATV channel(s) in unused channel positions, follow the steps as described below:

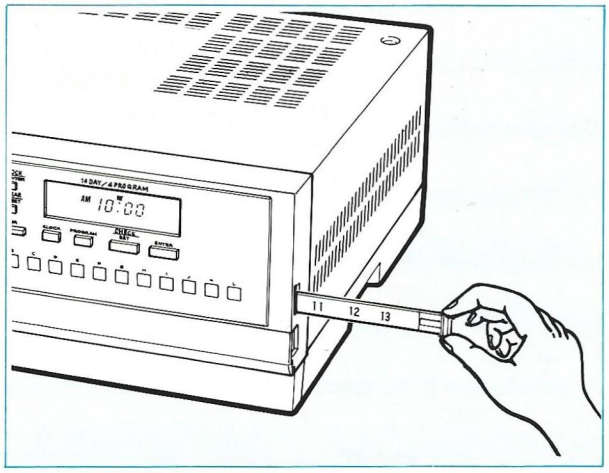
1. Follow the same steps as explained under Steps 1 through 4 in **"VHF CHANNEL PRESETTING"** .
2. Select the channel to be adjusted by pressing **"CHANNEL"** Selector Button.
   For example, if you want to preset CATV channel **"J"** into the unused VHF Channel **"13"** , press the **"CHANNEL"** Selector Button until Channel **"13"** below letter **"L"** is lit.



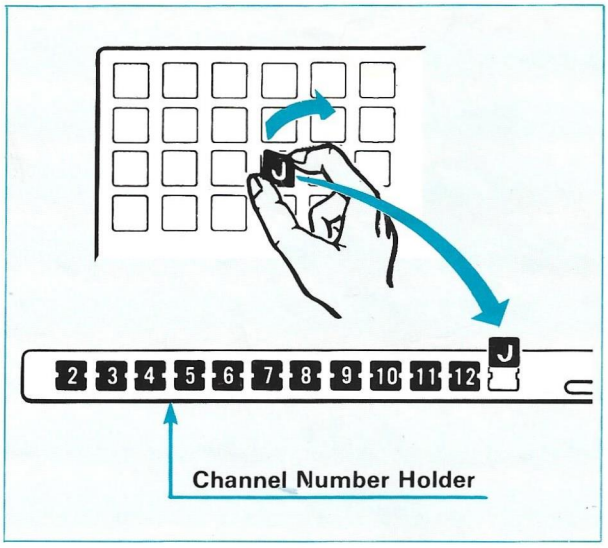
3. Set the Band Selector marked **"L"** (the same letter as above the channel selected to **"Vs"** position by using the Band Select Driver provided. **"Vs"** position is used to preset the CATV Channels J through W, and **"VH"** is for CATV Channels A through I.
4. Turn the Tuning Control marked **"L"** while watching the Tuning Indicator until the best picture and sound are received on your TV.



5. Follow the same steps as explained in Steps 2 through 4 above for the other channels.
6. After presetting all channels, close the Compartment Cover.
7. Pull out the Channel Indicator Panel.



8. Using the enclosed Channel Number Sheet (accessory number 6) and Channel Number Holder (accessory number 7), install the Channel Number Tabs with correct newly set channel numbers.



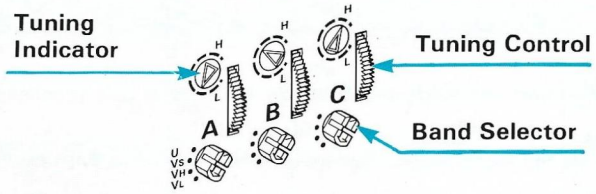
Tear off the channel number tab **"J"** from the Channel Number Sheet (accessory number 6). Install the new tab into the Channel Number Holder in place of the (13). In the same manner, you can preset any of the remaining unused channels to your desired CATV channels A through W.

9. Put the Channel Number Holder back in place.

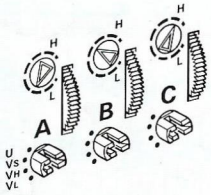
RE-ARRANGEMENT

Each of the 12 channel positions can be tuned to any VHF channels 2 – 13, UHF channels 14 – 83 or CATV channels A – W. You can preset the channels in any manner you wish. For example, preset each VHF channel available in your area to the letters A – E, UHF channels to the letters F – I and CATV channels to the letters J – L; to re-arrange the Channel Selectors, perform the following steps:

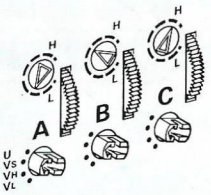
1. Follow the same steps as explained under Steps 1 through 4 in the **"VHF CHANNEL PRESETTING"**.
2. Select the channel to be adjusted by pressing **"CHANNEL"** Selector Button.
3. Reset the Band Selector to the position corresponding to the channel to be tuned.



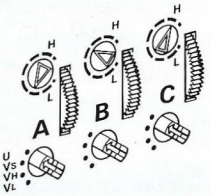
VHF Low Channels 2–6



VHF High Channels 7–13
CATV Mid band Channels A–I



CATV Super band Channels J–W



UHF Channels 14–83

4. Turn the Tuning Control marked with the same letter of channel selected while watching the Tuning Indicator until the best picture and sound are available on your TV.
5. Replace Channel Number Tab with newly selected channel number.

   Follow the above Steps 2 – 5 to re-arrange any desired channels. For detailed information on tuning, refer to **"VHF CHANNEL PRESETTING"**, **"UHF CHANNEL PRESETTING"** and **"CATV CHANNEL PRESETTING"** above.

SPECIAL NOTES:

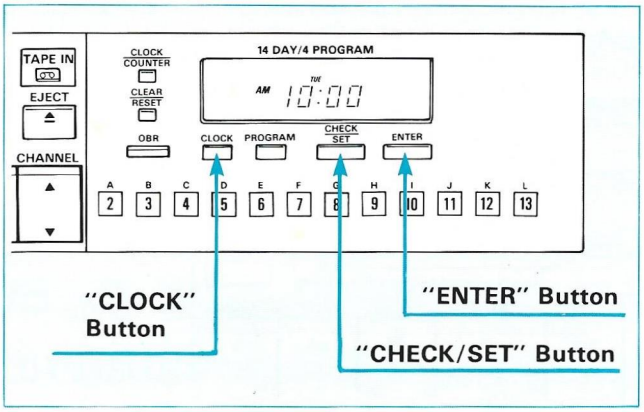
Certain television receivers with **"ELECTRONIC TUNERS"** may require special procedures to tune Channel 3 or 4. These receivers may not tune to the VCR channel (3 or 4) because there isn't an active TV station on these channels.

In these cases, press VCR **"POWER"** Button to **"ON"**. Press **"VCR"** Selector to turn the SELECTOR's Light on. Tune VCR tuner to an active channel. The television receiver will now tune in to the VCR channel (Channel 3 or 4). For more detailed instructions consult your TV owners manual.

SETTING THE CLOCK

The clock used is of 12-hour type.

1. "**POWER**" Button may be "**ON**" or "**OFF**".
2. Press and hold "**CLOCK**" Button while performing Steps 3 through 5.
3. Press "**CHECK/SET**" Button to select the present day of the week. Hold the Button down to advance rapidly. When the present day of the week appears, press "**ENTER**" Button.
4. Press "**CHECK/SET**" Button to select correct hour. Hold Button down to advance rapidly. Be sure "**AM/PM**" indicator is correct. When the correct hour appears, press "**ENTER**" Button.
5. Press "**CHECK/SET**" Button to select correct minute. Hold Button down to advance rapidly. When the correct minute appears, press "**ENTER**" Button.
6. Release "**CLOCK**" Button.



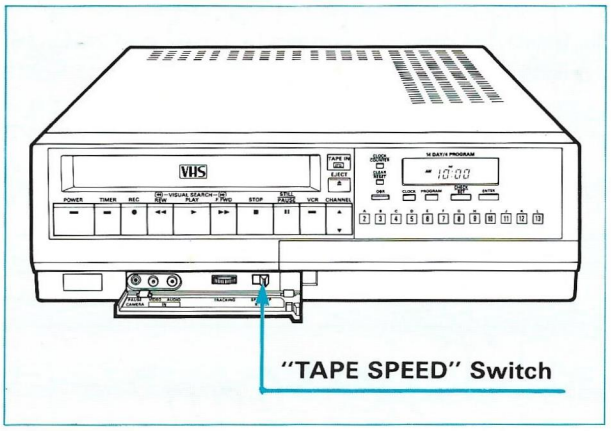
NOTES:

1. For zero second setting, set minutes to one minute ahead of present time and release "**CLOCK**" Button when the exact time of the next minute is reached.
2. If a power failure occurs, or when the unit is first plugged in, the display will flash "**SUN AM 12:00**". Time and programming will need to be reset.

RECORDING WHILE YOU ARE AWAY

The programmable electronic Clock/Timer permits the unattended recording of up to 4 preselected programs. It can be preset 14 days in advance to record your favorite program. Once you have set the built-in Timer for unattended recording you can forget about it. The timer will turn your VCR on and off at the time you set. However, if the tape runs out, the VCR will stop automatically.

1. Be sure that the clock is set to the present time. Refer to "**SETTING THE CLOCK**". (See above on this page.)
2. Set "**TAPE SPEED**" switch to "**EP**", "**LP**" or "**SP**".
3. Set the program timer for "**Program Number**", "**Channel**", "**Record-starting time**" and "**Record-stopping time**". Refer to "**SETTING THE PROGRAM TIMER**" on pages 17 through 19.



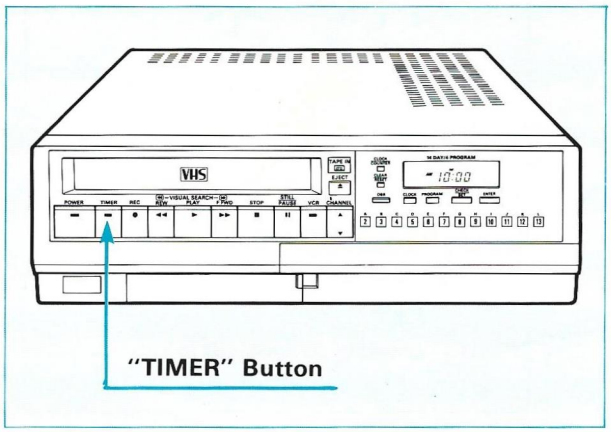
4. Insert the cassette. (Now "**POWER**" must be "**ON**".)

   NOTE: Be sure to check that the erase prevention tab is not missing. If the tab is missing, recording will not begin.

5. Press "**TIMER**" Button. The "**TIMER**" Light will come on.

NOTES:

1. The "**TIMER**" Light will flash, if a cassette is not inserted.
2. If the erase prevention tab is removed from a cassette, the "**TIMER**" Light will flash to warn you. At that time, stick a piece of cellophane tape over the erase prevention hole on the cassette to reuse it or select another cassette.



6. The recording will begin and "**POWER**", "**TIMER**", "**RECORD**" and "**PLAY**" Lights will come on at the time you have selected.

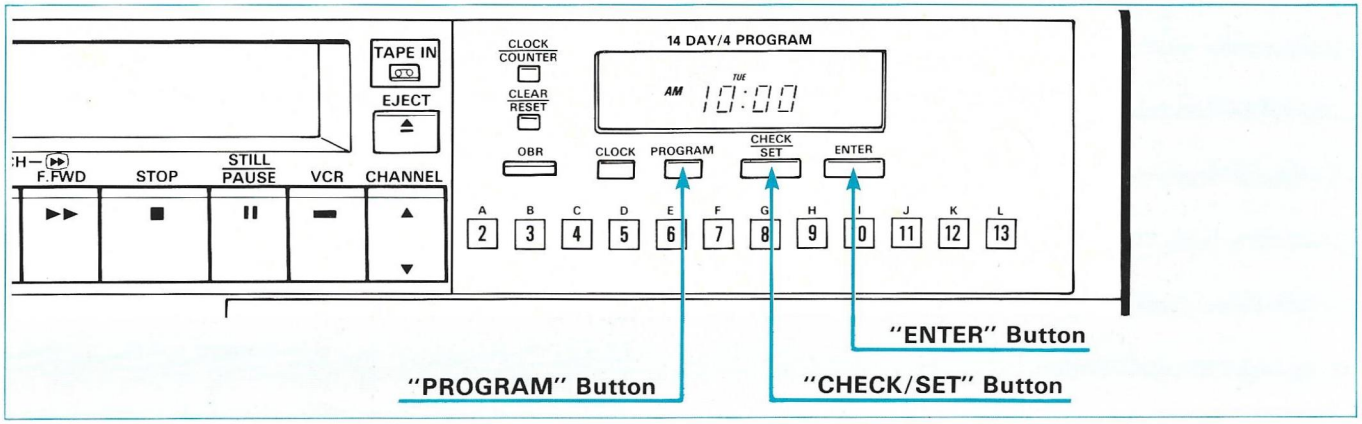
NOTES:

- When the "**TIMER**" Button is turned on, your VCR cannot be operated manually.
- The timer cannot be reprogrammed with the "**TIMER**" on.

SETTING THE PROGRAM TIMER

For unattended recording, the Timer needs to know what channel(s) to be recorded, the day(s) on which to make the recording(s) and the time to start and to end. This VCR can be programmed to record 3 programs within a period of 14 consecutive days, including same program repeated every day, plus same program every week.

Note: Be sure that the clock is set to the correct time of the day before attempting to program the timer.

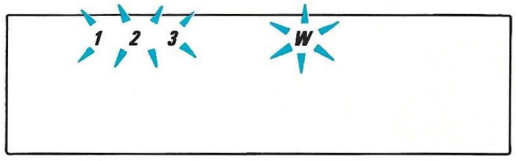


■ TO RECORD ON ONE DAY ONLY FOR ONE TIME FRAME

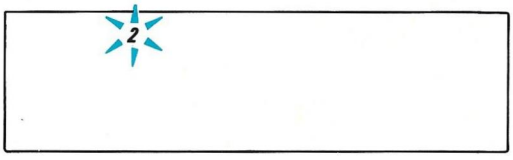
In the example below, "**Program 2**" is being set to record channel 6, on Friday of the week from 9:30 PM to 11:00 PM.

1. Press "**PROGRAM**" Button. The "**PROGRAM**" Indicators (1 through 3, and W) flash to indicate which memory positions have not been programmed. If a memory has been programmed, the Indicator will not flash.

   NOTES:
   1. The "**POWER**" Button may be "**ON**" or "**OFF**" to set the program.
   2. "**W**" means same program to be executed weekly.
   3. You should determine which memory positions have not been programmed before entering new programming information. New information automatically erases previous programming.

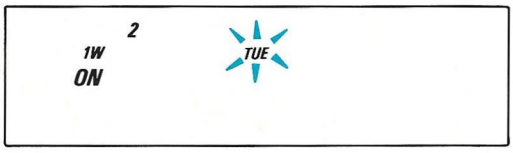


2. Press "**CHECK/SET**" Button until the desired "**PROGRAM**" Indicator lights. The "**PROGRAM**" Indicators (1 through 3, and W) light, in sequence, across top of Digital Display.

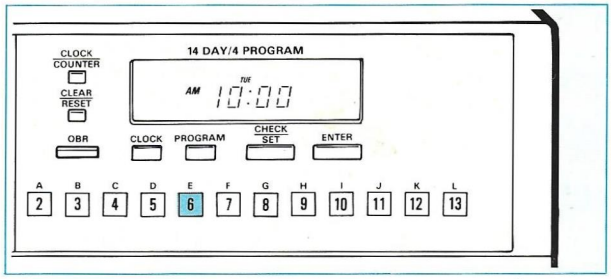


3. Press "**ENTER**" Button when desired "**PROGRAM**" Indicator ("**Program No. 2**") is displayed.
   "**CH**" indicator flashes to tell you to select the channel to be recorded.

4. Select the channel to be recorded by pressing "**CHECK/SET**" Button repeatedly until the desired channel number to be recorded is lit, and then press "**ENTER**" Button. The "**CH**" indicator goes off, and "**ON**" and "**1W**" light, and the day of the week will flash also on the display.



NOTE: You can select the channel by pressing either "**CHANNEL**" Selector Button or "**CHECK/SET**" Button.



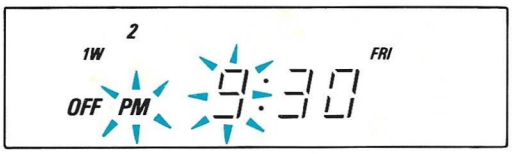
5. Select the day for recording by pressing "**CHECK/SET**" Button until the desired "**DAY**" indicator lights. Hold Button down to advance rapidly, and then press "**ENTER**" Button. "**AM 12:00**" will appear and the "**AM 12**" will flash.

   NOTES:
   1. Be aware that the desired week indicator (1W or 2W) is lit.
   2. Continuing forward will advance the timer to "**2W**".

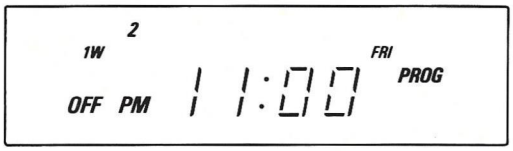
NOTES:
1. 1W···1st week 2W···2nd week.
2. The 1st week is seven days including the present day. (Example: Tuesday through Monday)

6. Select the hour for recording to start by pressing "**CHECK/SET**" Button until the desired "**HOUR**" indicator lights. Hold Button down to advance rapidly, and then press "**ENTER**" Button. "**00**" minute will start flashing.
Be sure that "**AM/PM**" indicator is correct.

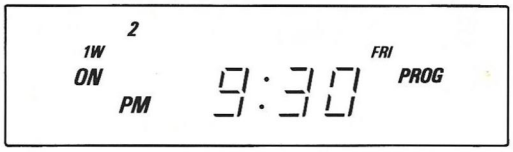
7. Select the minute for recording to start by pressing "**CHECK/SET**" Button until the desired "**MINUTE**" indicator lights. Hold Button down to advance rapidly, and then press "**ENTER**" Button.
"**OFF**" indicator appears instead of "**ON**", and the "**HOUR**" for record-starting time will flash.



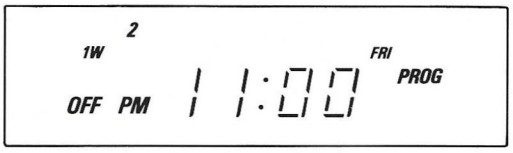
8. Select the hour and minute to stop recording by the same procedures as in Steps 6 and 7.
Be sure to press "**ENTER**" Button each time after selecting the hour and minute. (Keep in mind that the maximum recording time without changing cassettes is eight hours.)
The "**PROG**" indicator lights when the programming is complete.



9. Then, the display shows the starting time, and the display is automatically switched to show the stopping time in a few seconds with the channel number lit up. The Display automatically returns to the present time of day in a few seconds.



⇩ Starting time

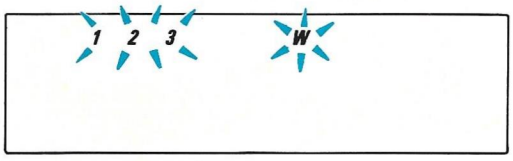


⇩ Stopping time

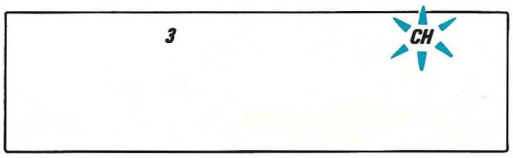
Present time

■ TO RECORD AT THE SAME TIME EVERY DAY OF THE WEEK

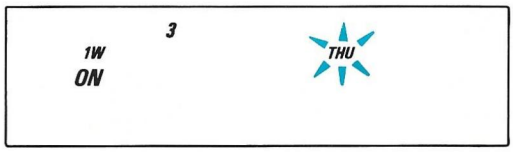
1. Press "**PROGRAM**" Button.



2. Press "**CHECK/SET**" Button until desired "**PROGRAM**" Indicator (1 — 3) lights, and then press "**ENTER**" Button. The "**CH**" Indicator flashes to tell you to select the channel to be recorded.



3. Select the channel to be recorded by pressing "**CHECK/SET**" Button repeatedly until the desired channel number to be recorded is lit, and then press "**ENTER**" Button.

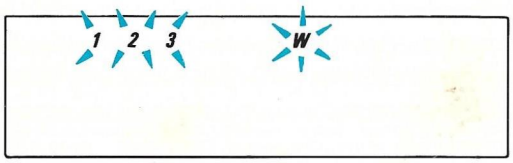


4. Select every day of the week by pressing "**CHECK/SET**" Button until all Day Indicators light, and then press "**ENTER**" Button.

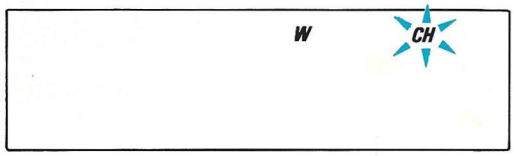
5. Continue programming as explained in Steps 6 through 8 of "**To record on one day only for one time frame**" on this page.

■ TO RECORD ON A SPECIFIED DAY AT THE SAME TIME EVERY WEEK

1. Press "**PROGRAM**" Button.



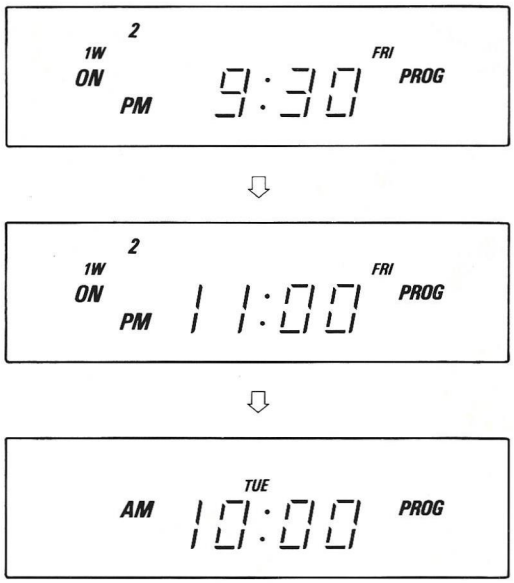
2. Press "**CHECK/SET**" Button until Program Indicator "**W**" lights, and then press "**ENTER**" Button. The "**CH**" Indicator flashes to tell you to select the channel to be recorded.



3. Continue programming as explained in Steps 4 through 8 of "**To record on one day only for one time frame**", on page 17.
NOTE: All programs except for those set for recording everyday and every week will be automatically cancelled once they are executed.

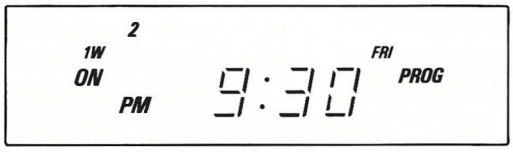
RECALLING THE PROGRAM

Press "**CHECK/SET**" Button until the desired program Indicator lights. The "**ON**" Indicator lights and the Digital Clock/Timer Display shows the starting time. Then the "**OFF**" Indicator lights and the display automatically shows the time to stop recording in a few seconds with the Channel Number lighting up. Display automatically returns to present time of day or counter reading in a few seconds.



CLEARING ("ERASING") INFORMATION FROM A PROGRAM

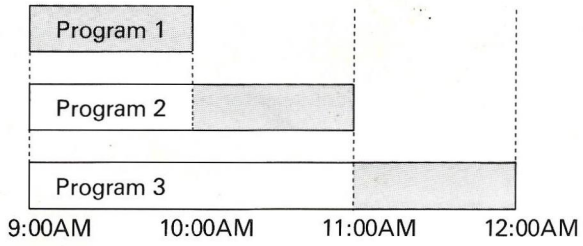
1. Press "**CHECK/SET**" Button until the desired program Indicator lights. The Digital Clock/Timer Display shows the starting time.



2. Press "**CLEAR/RESET**" Button before Display returns to the present time of day or the counter reading. The "**PROG**" Indicator disappears when the other programming information is not stored, and the Display returns to the present time of day or the counter reading to show the timer-programming has been erased.

PROGRAM PRIORITY

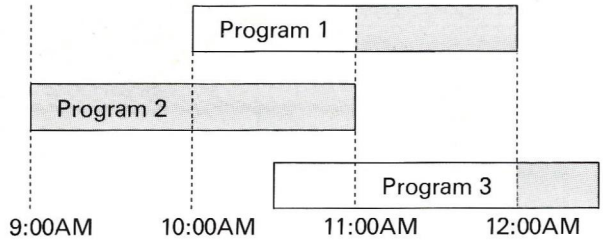
Example 1: When the program starting time is the same among the programs on the same day, they are recorded in the order of Program 1, 2, 3 and W (weekly recording).



9:00AM — 10:00AM for Program 1
10:00AM — 11:00AM for Program 2
11:00AM — 12:00AM for Program 3

Program 1 is executed as programmed, and Program 2 as illustrated after Program 1, and Program 3 as illustrated after Programs 1 and 2.

Example 2: When the programs overlap, an earlier program has priority.



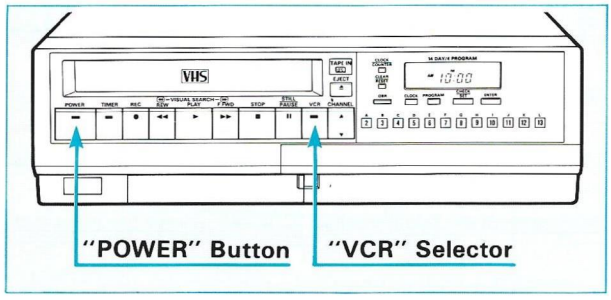
9:00AM — 11:00AM for Program 2
11:00AM — 12:00AM for Program 1
12:00AM ~ for Program 3

Program 2 is executed as programmed, and Program 1 as illustrated after Program 2, and Program 3 as illustrated after Programs 2 and 1.

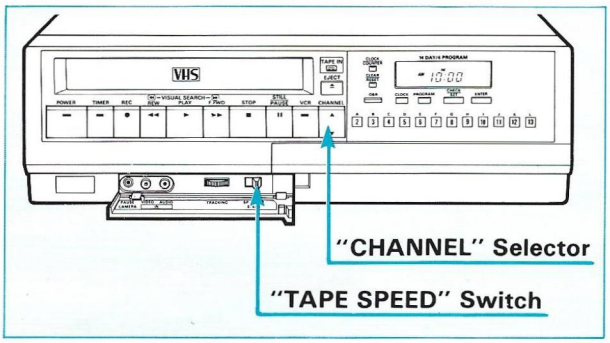
ONE BUTTON RECORDING (OBR)

The One Button Recording (OBR) allows you to start a recording and the VCR will automatically turn off at the preselected time.

1. Press **"POWER"** Button to on.
2. Press **"VCR"** Selector to turn SELECTOR's Light on.

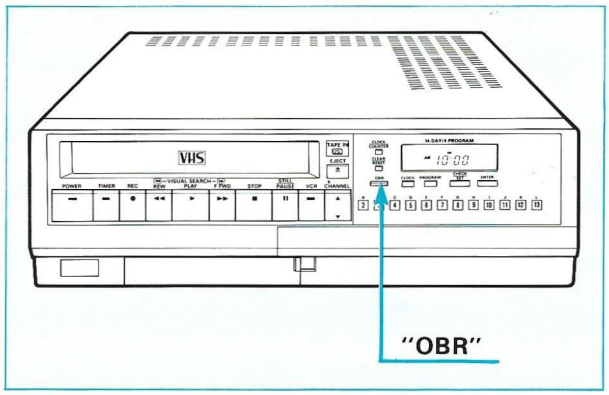


3. Set **"TAPE SPEED"** Switch to the appropriate position.
4. Press **"CHANNEL"** Selector Button to select the channel to be recorded.



5. Press **"OBR"** Button once to set the timer to 0:00. Then press **"OBR"** once again to indicate the recording time on the display. The time changes in hour and minute in the order of 0:30, 1:00, 1:30, 2:00, 3:00, 4:00 every time the button is pressed.

Recording starts when 0:30 is displayed. During recording, the remaining time is displayed.



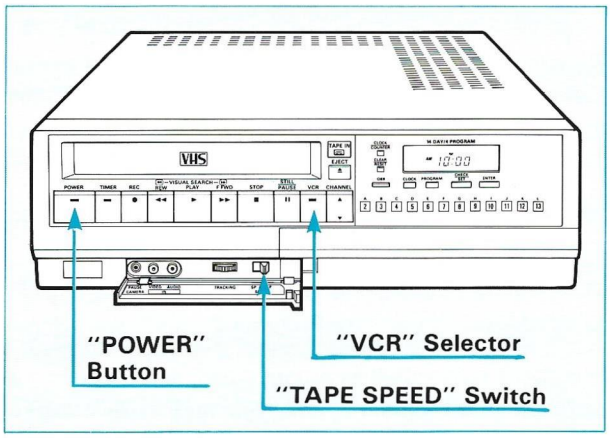
6. At the end of recording the display reads 0:00; the VCR will automatically stop recording and the current time will be displayed.

NOTES:

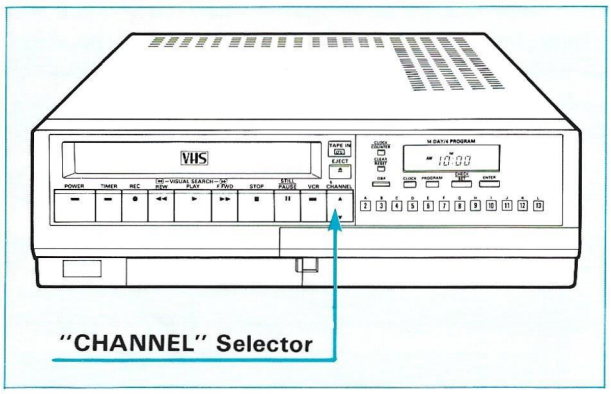
1. The One Button Recording feature operates during stop, fast-forward, rewind and manual recording modes.
2. The recording time can be extended any time during One Button Recording by pressing **"OBR"** Button. The timer display will reset to 0:30, 1:00, 1:30, 2:00, 3:00 or 4:00 as selected.
3. During **"OBR"**, all inputs to the VCR are inhibited except **"VCR"** Selector Switch which may be operated, **"OBR"** Button which may be used to extend the VCR recording time and **"CLOCK"** Button which may be used to check the present time.
4. To stop the VCR during **"OBR"**, press **"OBR"** Button until the counter reads 0:00. After approximately two seconds, the VCR will stop and the power switch will be off.

RECORDING ONE PROGRAM WHILE YOU WATCH ANOTHER

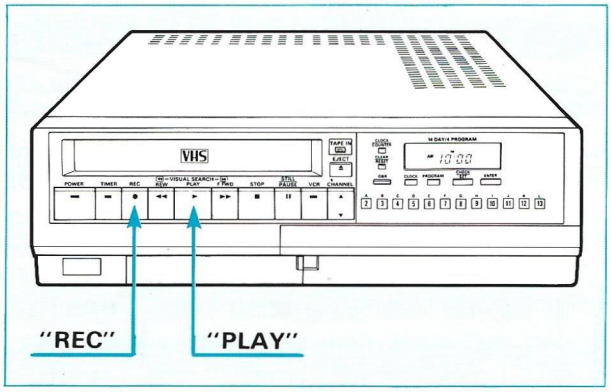
1. Press "**POWER**" Button to on.
2. Press "**VCR**" Selector to turn the SELECTOR's Light on. Change the "**TAPE SPEED**" Switch to the appropriate position.



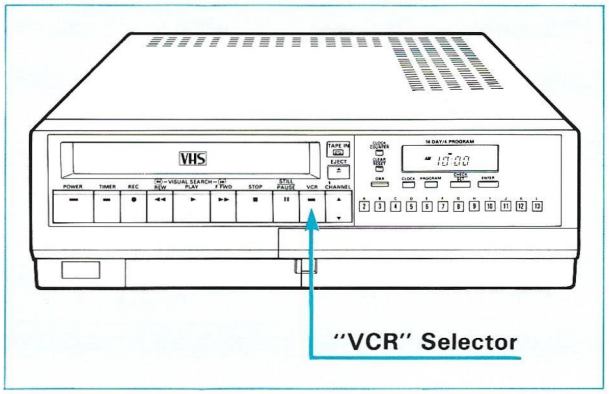
3. Press the VCR "**CHANNEL**" Selector Button to select the channel to be recorded, and set the television to Channel 3 or 4 depending on which channel is selected on the RF Channel Select Switch on the VCR.



4. Insert the cassette (one with the erase prevention tab intact) into the cassette compartment.
5. Check to make sure that the reception is acceptable. Adjust Tuning Control of VCR if necessary.
6. Press "**REC**" and while holding "**REC**", press "**PLAY**" Button.
   You are now recording this program.



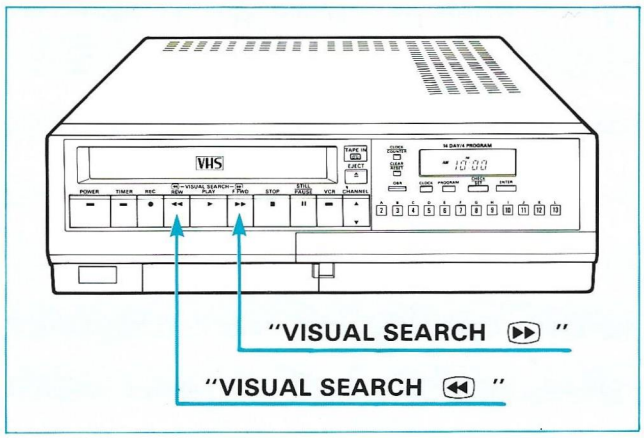
7. To continue to record this program while you watch something else, simply press "**VCR**" Selector to turn SELECTOR's Light off. Set the channel selector on the television to the program you want to watch.
8. If you want to periodically check what you are recording, simply set the channel selector on the television to the VCR channel (3 or 4) and press "**VCR**" Selector to turn SELECTOR's Light on.

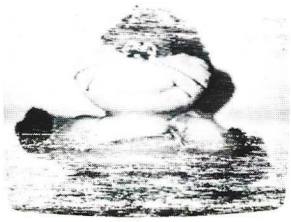


USING THE VISUAL SEARCH (F-SEARCH AND R-SEARCH) FEATURES

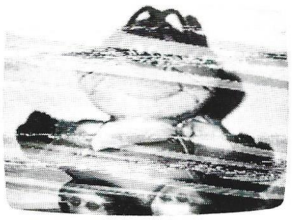
When you press "**VISUAL SEARCH** ⏩ " (Forward SEARCH) or "**VISUAL SEARCH** ⏪ " (Reverse SEARCH) Button during playback, the tape will be played back at a speed about 9 times faster than the normal playback speed (EP recorded tape), 6 times faster than the normal playback speed (LP recorded tape), or 3 times faster than the normal playback speed (SP recorded tape), and you can easily locate a certain spot on the tape.

NOTE: The F-SEARCH and R-SEARCH features are intended for use with EP recordings. The SP and LP recordings will contain too much noise (interference) to produce a viewable picture.





SP recording



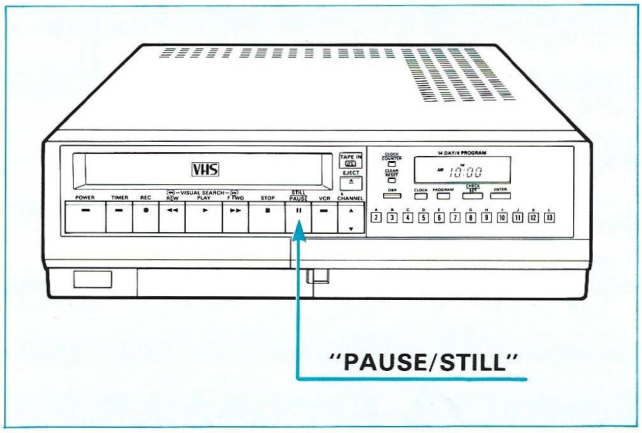
LP recording

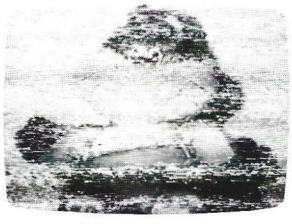
EP recording

USING THE PAUSE/STILL FEATURE

When "**PAUSE/STILL**" Button is pressed during recording, "**PAUSE/STILL**" Light will come on and the VCR will stop recording. This feature can be used for eliminating unwanted station breaks or program material while recording a TV program or when using a camera from one scene to another. To start again press "**PAUSE/STILL**" Button and "**PAUSE/STILL**" Light will go off and the VCR will continue recording. When "**PAUSE/STILL**" Button is pressed during playback, "**PAUSE/STILL**" Light will come on and a still picture can be seen. To start again press "**PAUSE/STILL**" Button and "**PAUSE/STILL**" Light will go off and the VCR will continue playback.

NOTES: 1. When the play•pause mode continues for more than about 5 minutes, the VCR will automatically change to stop mode to protect the tape.
2. There will be some noise (interference) in the still pictues.





SP recording

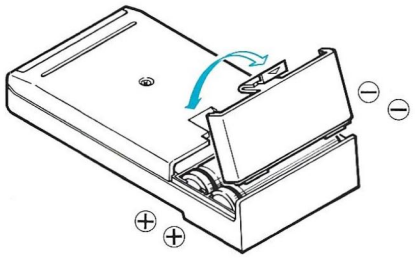
LP recording

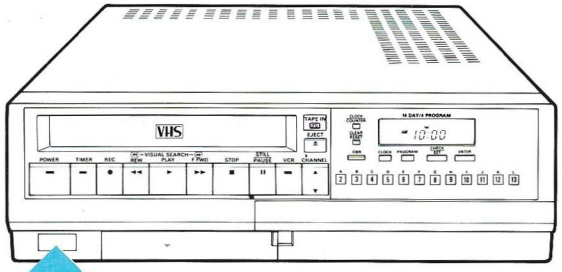
EP recording

USING THE REMOTE CONTROL UNIT

To use your Infrared Remote Control:
Aim the remote control at the receiver on the front panel of the VCR.
NOTE: Be sure to install two "AA" size batteries before using the Infrared Remote Control Unit.

HOW TO INSTALL BATTERIES





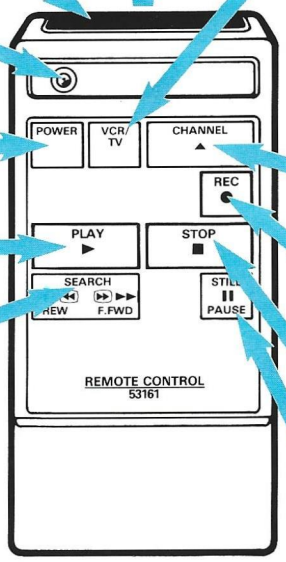
Signal Transmission Window
Transmits signals from the remote control unit to the VCR.

Remote Control Indicator Light
Glows red when any button on the remote control is pressed.

"POWER" Button
Press to turn VCR on.
Press again to turn VCR off.

"PLAY" Button
Press to play recorded material.

"VISUAL SEARCH ◀◀ ▶▶ / "REW ◀◀ "/F.FWD ▶▶ " Button
Press this Button on the left side during Stop, Pause or Fast Forward mode, fast rewinding starts. Press this Button during playback, and the tape is played back in the reverse direction at high speed.
Press this Button on the right side during Stop, Pause or Rewind mode, fast forwarding starts. Press this Button during playback, and the tape is played back in the forward direction at high speed.



"VCR/TV" Button
Selects the signal to be viewed. The VCR Light on the VCR glows red when the VCR is in the **"VCR"** mode. In the **"VCR"** position the signal is received by your VCR and is displayed on the TV screen.
In the **"TV"** position the broadcast signal is received directly by your TV set for normal TV viewing.

"CHANNEL" Button
Press to change channels.

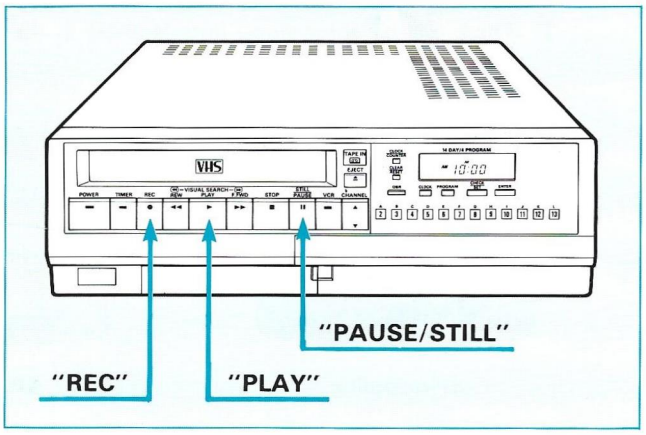
"RECORD" Button
Press **"RECORD"** and **"PLAY"** at the same time to start recording.

"STOP" Button
Press to stop recording or playing.

"PAUSE/STILL" Button
Press to stop picture on screen during playback or for momentary pause during recording.

EDITING A RECORDING

1. Press **"PLAY"** Button and watch the program until the exact point is reached where you want the new recording to begin.
2. Press **"PAUSE/STILL"** Button.
3. Press **"REC"** and while holding **"REC"**, press **"PLAY"** Button. The program material to be recorded will appear on the television.
4. When you wish to begin recording, press **"PAUSE/STILL"** Button again. The new program material will directly follow the previously recorded material without interruption. This feature is especially helpful during camera use so each segment of the recording becomes a continuous program.



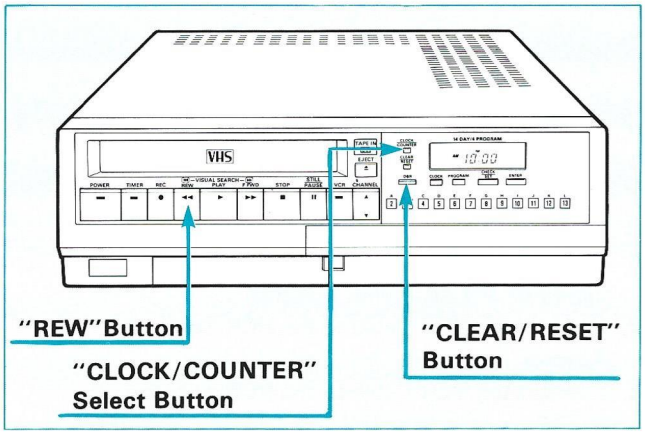
USING THE AUTO-REWIND FEATURE

In the recording, playback or fast forward mode, the VCR automatically rewinds the tape at the end of the tape. The VCR will stop at the beginning of the tape or at the COUNTER MEMORY "**0000**" position.
NOTE: Auto-rewind will not occur in either the delayed recording or One Button Recording.

USING THE MEMORY FEATURE

When the "**CLOCK/COUNTER**" Display shows counter reading, a tape that is being rewound automatically stops when the Counter reads approximately "**0000**". This is useful if there is a section of tape you want to review immediately after recording or if you want to return to the same point several times in a row.

1. Press "**CLOCK/COUNTER**" Select Button to display the counter reading.
2. Begin playing or recording a tape.
3. At the point you want playback to begin, press the "**CLEAR/RESET**" Button to reset the Counter to "**0000**".
4. Continue to play or record.
5. Press "**STOP**" Button.
6. Press "**REWIND**" Button. The tape will rewind to the preselected point at approximately "**0000**".



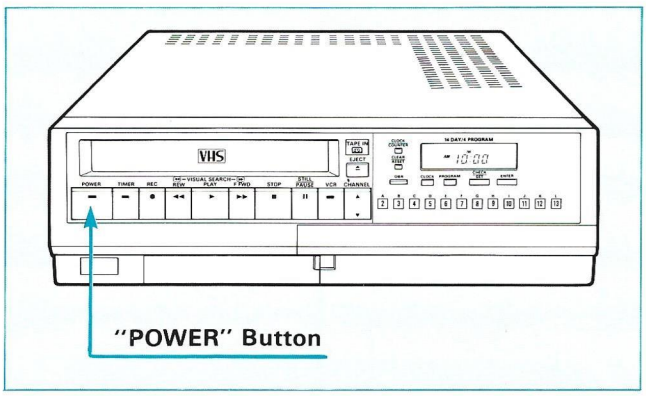
NOTE: The memory feature does not operate unless the counter reading is displayed on the "**CLOCK/COUNTER**" Display.

PLAYBACK WITH TV EQUIPPED WITH VIR

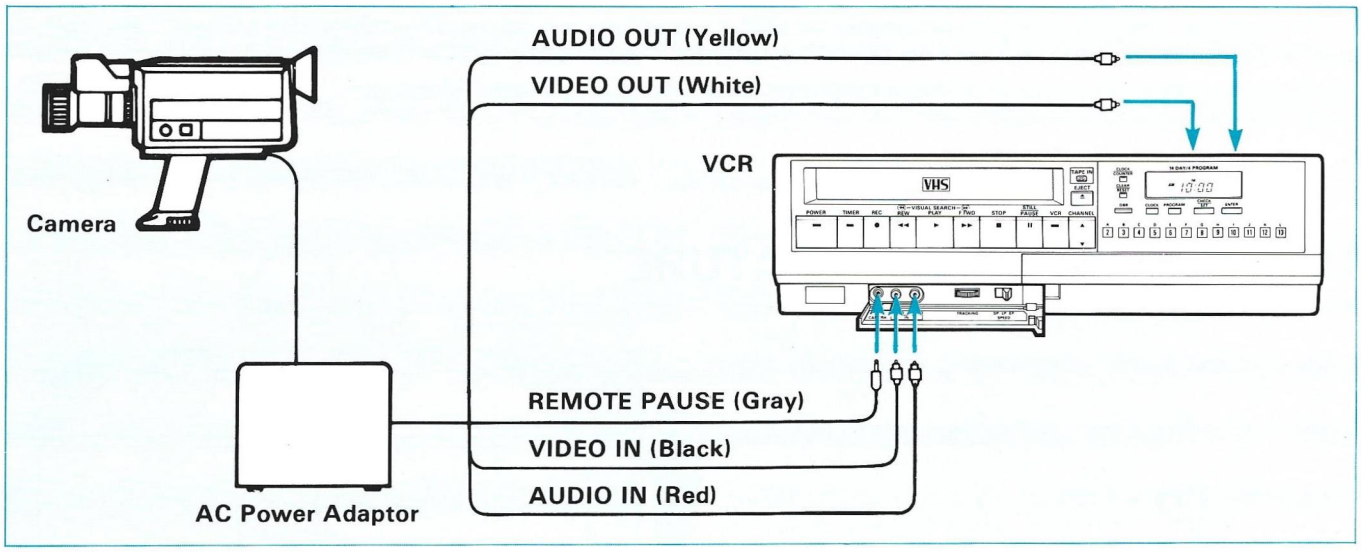
If your television receiver is equipped with VIR, it may be necessary to turn VIR OFF when playing back the video tape. Otherwise the color may be too bright, too faint or even change.

DEW (MOISTURE CONDENSATION)

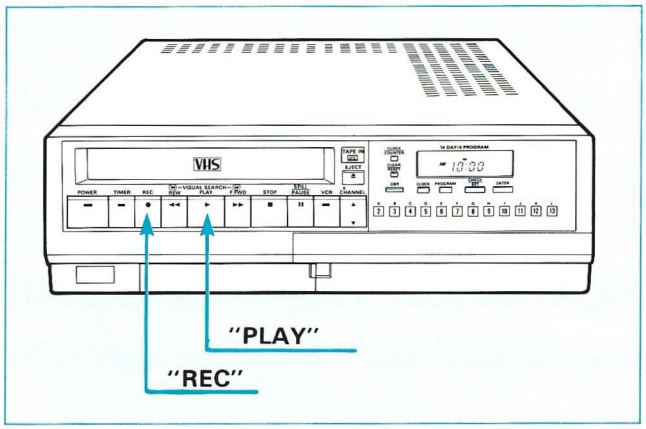
The VCR has a built-in humidity eliminator unit to dry the metal surfaces, when humidity is high, to prevent damage to the tape. When the VCR is moved to a warm area from a cold area, a lot of moisture forms on the metal surfaces. Under this condition, connect the power cord to the AC line, turn the "**POWER**" Button to OFF and allow at least two hours for the VCR to dry out.



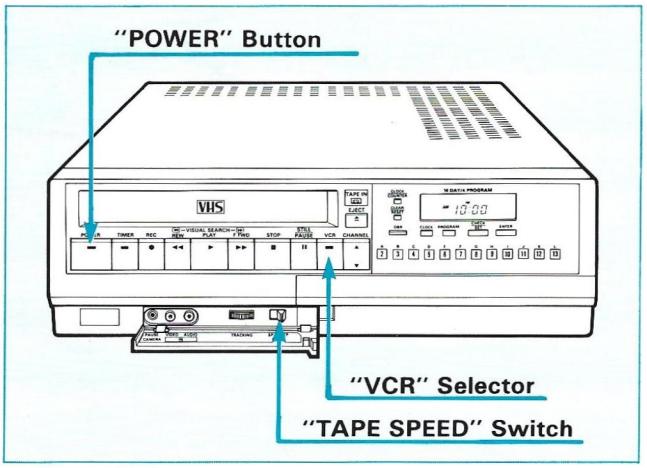
USING A CAMERA WITH THE VCR



1. Connect your Sears Video Camera to the Camera Terminals on the AC Power Adaptor.
2. Connect the VCR Cable to the VCR Terminal on the AC Adaptor.
3. Connect the VCR Cable to the VCR as follows:
   A. Connect the Gray Lead to **"PAUSE/CAMERA"**.
   B. Connect the Red Lead to **"AUDIO IN"**.
   C. Connect the Black Lead to **"VIDEO IN"**.
   D. Connect the White Lead to **"VIDEO OUT"**.
   E. Connect the Yellow Lead to **"AUDIO OUT"**.
   NOTE: Other Cameras may also connect to this VCR. For proper connections, consult your Camera Owners Manual.
4. Set **"TAPE SPEED"** Switch to the appropriate position.
5. Press VCR **"POWER"** Button, and set on your television set to the VCR channel (3 or 4).
6. Press **"VCR"** Selector to turn the SELECTORS's Light on.
   Your television set will act as a monitor of the picture and sound from the camera and microphone. (The microphone is built into the camera.)
   NOTE: If the volume on the TV is turned too high, audio feedback can cause a squeal or howl to occur.
7. Press **"REC"** and while holding **"REC"**, press **"PLAY"** Button to begin recording. **"REMOTE PAUSE"** switch on the camera can be used to stop recording between scenes.



NOTE: Be sure to connect the video output and audio output of the camera into **"VIDEO IN"** and **"AUDIO IN"** of the recorder, when recording with the camera. When connected, the input from the tuner will be cut off. When connected only into the **"VIDEO IN"**, the audio signals of the tuner input will be recorded.

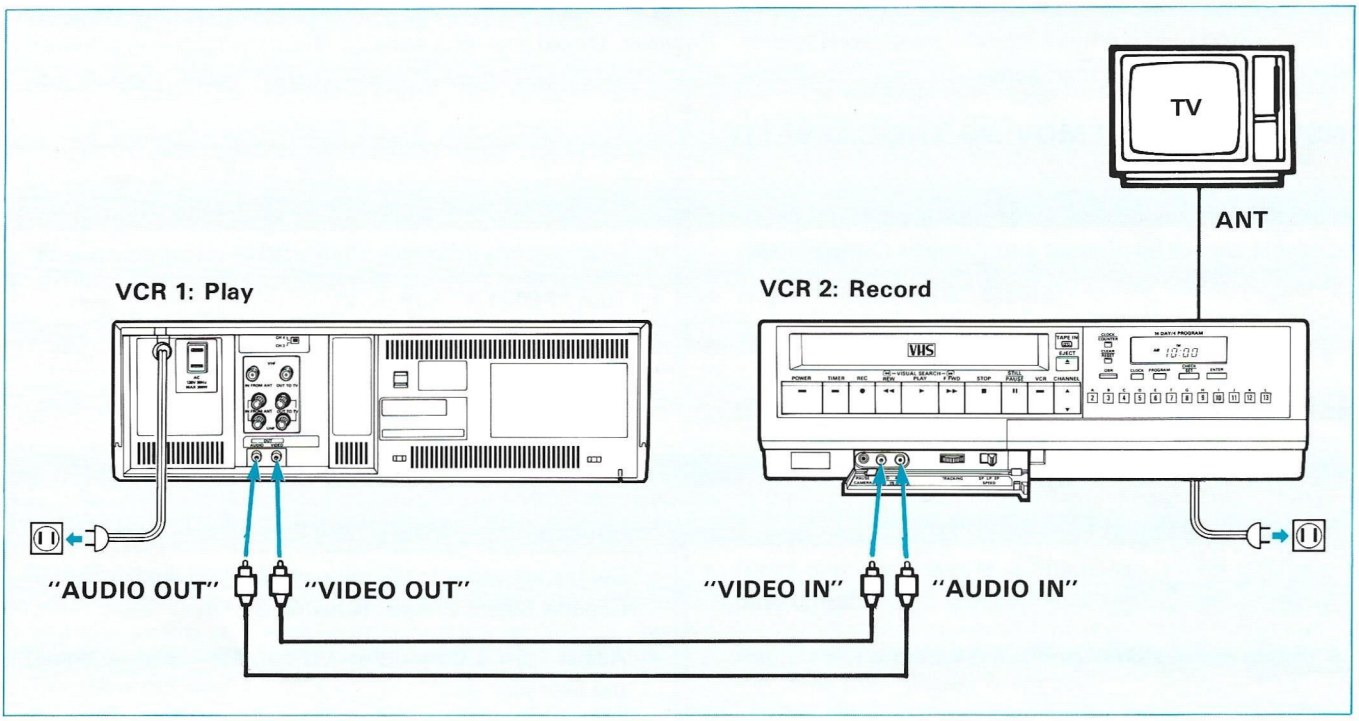


OPERATING HINTS .....

* After you have finished using the VCR, rewind, eject and remove the cassette. Place the cassette in its protective sleeve to protect it from dust. It is not necessary to rewind the cassette before removing it, but if you do, it will be ready to play or record the next time you use it.
* Be sure the VCR Channel Selector is on the correct channel you wish to record. The channel that is being recorded can always be checked by setting the television on the VCR channel (3 or 4) and pressing the **"VCR"** Selector to turn SELECTOR's Light on.
* If you are not using the **"MEMORY"** feature, leave the **"CLOCK/COUNTER"** display to show clock reading; when the **"CLOCK/COUNTER"** display shows counter reading, the VCR will stop at **"0000"** on the **"COUNTER"** rather than rewind to the end of the cassette. This feature operates only when the counter reading is displayed on the **"CLOCK/COUNTER"** Display.
* Always reset the **"COUNTER"** to **"0000"** when starting to use a cassette. Make a note on the cassette what number the **"COUNTER"** reads when the recording is finished if less than the full cassette is used. This allows you to record more program material at the end of the first recording. Any other locations on the tape can be noted on the cassette label also, if desired, so you can quickly locate them later.
* Do not attempt to hook up more than one television set to the VCR for either recording or playback.

VCR TO VCR DUBBING

If you wish to exchange or copy some of your friend's favorite home recordings, the following instructions can be used to connect one VCR to another for this purpose.



1. Connect Video Out/Audio Out of VCR 1 to Video In/ Audio In of VCR 2.
2. Play the tape on VCR 1 and record it on VCR 2.

NOTE: If you connect the **"VHF OUT TO TV"** connector of VCR 2 to the **"TV ANT"** connector, as illustrated and press the **"VCR"** Selector to turn the SELECTOR's Light on, the picture being dubbed by VCR 2 can be monitored.

TAPE COUNTER DIGIT/MINUTE CHART (APPROX. FIGURES)

Tape & Tape Speed / Minute	T-30			T-60			T-120			T-160		
	SP	LP	EP	SP	LP	EP	SP	LP	EP	SP	LP	EP
30	1130	590	400	1130	590	400	2100	1200	850	2190	1230	860
60 (1 hour)		1130	770	2110	1130	770	3550	2100	1520	3740	2190	1560
90			1130		1640	1130	4710	2870	2100	5020	3020	2190
120 (2 hours)					2110	1460	5710	3550	2630	6120	3740	2740
150						1800		4150	3110	7100	4400	3260
180 (3 hours)						2110		4710	3550		5020	3740
210								5220	3960		5580	4200
240 (4 hours)								5710	4340		6120	4610
270									4710		6610	5020
300 (5 hours)									5060		7100	5400
330									5390			5740
360 (6 hours)									5710			6120
390												6440
420 (7 hours)												6760
450												7100
480 (8 hours)												7420

TROUBLESHOOTING

Your Video Cassette Recorder is a highly sophisticated instrument. It has been carefully checked and adjusted at the factory under the most rigid quality control and inspection systems. However, should problems develop, check the following points and take necessary corrective measures.

INSERTING OR REMOVING THE CASSETTE

Symptom	Check Point & Correction
Cassette cannot be inserted into Cassette Compartment.	* Load cassette in direction indicated by arrow on cassette.
	* Turn "**POWER**" Button on.

RECORDING TV PROGRAMS OFF THE AIR

Symptom	Check Point & Correction
No picture appears on television screen.	* Press "**VCR**" Selector to turn the SELECTOR's Light on.
	* Set the television to the same channel selected on the RF Channel Select Switch. (Channel 3 or 4)
A picture appears on television screen but is not clear.	* Adjust Tuning Controls on VCR and television to obtain the best picture.
A picture appears on television screen but there is no sound.	* When recording off the air, remove connector from the front "**AUDIO IN**" Jack.
The VCR will not go in to the recording mode, even when both the "**REC**" and "**PLAY**" Buttons are pressed.	* The cassette has had the erase prevention tab removed. Stick a piece of cellophane tape over erase prevention tab hole or select a different cassette.

RECORDING WITH VIDEO CAMERA

Symptom	Check Point & Correction
No picture appears on television screen.	* Set the television to the VCR channel (3 or 4).
	* Make required adjustments on the video camera referring to the Owners Manual supplied with the video camera.
A picture appears on television screen but is not clear.	* Adjust fine tuning knob of television to obtain the best picture.
	* Adjust camera.
	* Increase illumination of the subject.
The VCR will not go in to the recording mode, even when both the "**REC**" and "**PLAY**" Buttons are pressed.	* The cassette has had the erase prevention tab removed. Stick a piece of cellophane tape over the erase prevention hole or select a different cassette.
"**PAUSE**" Light remains ON.	* If camera is being used, the trigger switch is in the pause mode.

PLAYBACK OF PRE-RECORDED CASSETTE

Symptom	Check Point & Correction
No picture appears on television screen when "**PLAY**" is pressed.	* Set the television to the VCR channel (3 or 4) depending upon the selected channel on the RF Channel Select Switch.
	* Try another cassette tape.
No picture, but audio is clear.	* Take VCR to Sears Service Center for service.
Interference on playback picture.	* Adjust fine tuning knob on television set to obtain the best picture.
	* Adjust "**TRACKING**" Control.
	* Take VCR to Sears Service Center for service.

CLOCK

Symptom	Check Point & Correction
Time display is flashing.	* Reset time according to instructions. Power has been interrupted.
VCR does not start at preset record starting time. ("**TIMER**" Light does not flash.)	* Set up recording time according to instructions. Be sure the "**AM-PM**" display is correct.
	* Press "**TIMER**" Button to on position.
VCR does not start at preset record starting time. ("**TIMER**" Light flashes.)	* The cassette has had the erase prevention tab removed. Stick a piece of cellophane tape over the erase prevention tab hole or select a different cassette.
Clock does not show present time and day.	* Press "**CLOCK/COUNTER**" Select Switch.

ROUTINE MAINTENANCE

Your VCR is a highly sophisticated electro/mechanical device. It is normal for it to require routine cleaning and maintenance after approximately 1,000 hours of use. The exact schedule will depend on the condition in which it is used.

The necessity of maintenance will generally be indicated by a slight degeneration in picture or sound quality. Because of the delicate nature of VCR, it is recommended that you take the VCR to a Sears Service Center to have it cleaned and restored to "like new" operation.

SEARS SERVICE

Your Sears Video Cassette Recorder has added value when you consider that Sears has service units nationwide staffed with Sears trained technicians . . . professional technicians specifically trained on Sears home entertainment products, having the parts, tools and equipment to insure that we meet our pledge to you . . . "We Service What We Sell".

HOW TO ORDER REPAIR PARTS

Now that you have purchased your Video Cassette Recorder, should a need ever exist for repair parts or service, simply contact any Sears Service Center or Sears, Roebuck and Co. store. Be sure to provide all pertinent facts when you call or visit. When ordering parts by mail, selling prices will be furnished on request, or parts will be shipped at current selling prices and you will be billed accordingly.

The Model Number will be found on the back of cabinet. Always mention the Model Number when requesting service or repair parts for your Video Cassette Recorder.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

1. NAME of ITEM . . . . . Sears Video Cassette Recorder
2. MODEL NUMBER
3. PART DESCRIPTION

SPECIFICATIONS

Video input	0.5 to 2.0 Vp-p, 75 ±5 ohms (sync negative)
Video output	1.0 ±0.2 Vp-p, 75 ±5 ohms (sync negative)
Audio input	0.078 Vrms (min.) — 0.78 Vrms (max.), more than 50k ohms
Audio output	0.2 Vrms (min.) — 0.78 Vrms (max.), less than 10k ohms
Tape speed	33.35 mm/sec (SP), 16.67 mm/sec (LP), 11.12 mm/sec (EP)
Fast forward time	Less than 6 minutes with T-160 cassette
Rewind time	Less than 6 minutes with T-160 cassette
Power requirements	120V AC. 60 Hz
Power consumption	39W
Dimensions	17-1/8"(W) x 5-1/4"(H) x 11-11/16"(D) 435(W) x 133(H) x 297(D) mm
Weight	18.3 lbs. (8.3 kg)

SEARS

OWNERS MANUAL

MODEL NO.

934.53161450
SERIES

VHS

VIDEO CASSETTE RECORDER

WARRANTY

FULL ONE YEAR WARRANTY ON VIDEO CASSETTE RECORDER

For one year from the date of purchase, Sears will repair any defect in material or workmanship in this video cassette recorder, free of charge.

The above warranty coverage applies only to video cassette recorders which are used for private household purposes.

TO OBTAIN WARRANTY SERVICE, SIMPLY RETURN THE VIDEO CASSETTE RECORDER TO THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK AND CO.

Dept. 698-731A, Sears Tower, Chicago, IL 60684

Sears, Roebuck and Co., Chicago, IL 60684, U.S.A.

Part No. L46-38843-3

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